# STATE of ILLINOIS

1985



1985 Annual Coal, Oil and Gas Report

**Department of Mines and Minerals** 

**BRAD EVILSIZER, Director** 



STATE OF ILLINOIS

ONE-HUNDRED-FOURTH

COAL REPORT OF ILLINOIS

1985

DEPARTMENT OF MINES
AND MINERALS

BRAD EVILSIZER, Director HUCK HUCKABY, Assistant Director KIM UNDERWOOD, Assistant Director

3 1129 00451 3016



### LETTER OF TRANSMITTAL

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS

SPRINGFIELD, ILLINOIS MAY 1, 1986

To His Excellency, JAMES THOMPSON, Governor State of Illinois, Springfield

Sir: In compliance with the Illinois Revised Statutes, I am submitting herewith the Annual Report of the Illinois Department of Mines and Minerals for the year 1985.

This report includes production, employment, and non-fatal accident figures for underground and surface mines; the annual report of the Division of Land Reclamation and the annual report of the Division of Oil and Cas.

Respectfully submitted, BRAD EVILSIZER, Director

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### DIVISION OF LAND RECLAMATION

DIVISION OF OIL AND GAS

# DIRECTORS OF ILLINOIS - DEPARTMENT OF MINES AND MINERALS

REMARKS	Died in Office Died in Office
ADDRESS	Pecria Pecria Spauding Johnston City Roanoke Springfield Springfield Litchflield Ducknin Roanoke Urbana Danville Danville Taylorville Urbana West Frankfort Marion Kincald Collinsville Coello West Frankfort Warion Vincald Collinsville Coello
YEARS SERVED	1898-1912 1917-1919 1919-1920 1920-1924 1924-1926 1926-1934 1926-1934 1936-1934 1931-1930 1931-1934 1941-1947 April 2 to October 1, 1947 April 2 to October 1, 1947 April 2 to October 1, 1949 April 19 1949 to February 20, 1948 March 1, 1948 to January 16, 1949 January 17, 1949 to Ecbruary 3, 1949 April 19, 1949 to January 14, 1953 February 15, 1953 to August 31, 1961 September 1, 1961 for February 14, 1953 February 15, 1953 to December 31, 1971 January 1, 1972 to February 8, 1973 February 9, 1973 to March 31, 1971 April 1, 1977
NAME	Newsam, Richard John, Evan D. Thompson, Joseph C. Bolt, Martin Lewis, A.D. Millhouse, John G. Mishery, James Millhouse, John G. McSherry, James Walker, Harold L. Moses, Thomas Cruse, Robert R. Starks, James W. Starks, James W. Eadle, Walter Schull, B. H. Orlindi, W. J. Ruff, L. Leon Gulley, David L. Gulley, David L. Gulley, David L. Culley, David L. Dave, Russell Evilister, Bradley

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### DEPARTMENT OF MINES AND MINERALS

BRAD EVILSIZER, Director Phone: 217-782-6791 Springfield, Illinois

HUCK HUCKABY, Assistant Director Phone: 217-782-6791 Springfield, Illinois

KIM UNDERWOOD, Assistant Director

KIM UNDERWOOD, Assistant Director Phone: 217-782-6791 Springfield, Illinois

### MINING BOARD

BRAD EVILSIZER, Executive Officer, 704 Stratton Building, Springfield, Illinois 62706.

EDNA ROACH, Chief Clerk, 520 So. 2nd St., #1208, Springfield, Illinois. ROBERT WEATHERFORD, Secretary, R.R. #1, Box 94, Pinckneyville, Illinois

RICHARD MOTTERSHAW, 1020 N. Springfield St., Virden, Illinois WILLIAM S. SMITH, 1400 Waverly, Collinsville, Illinois G. B. WILEY, 712 S. McKinley, Harrisburg, Illinois CHARLES F. GREER, 1001 Lincoln St., Eldorado, Illinois JOHN BOWEN, 1702 E. Elm, West Frankfort, Illinois

### MINERS' EXAMINING BOARD

JAMES STEWART, President, R.R. #4, Benton, Illinois BYRON G. BEARD, Secretary, Route 2, Benton, Illinois GOERGE GOSSETT, 1411 E. Oak St., West Frankfort, Illinois PAUL EMERY, 230 S. Marshall St., Harrisburg, Illinois

### **GENERAL OFFICE**

Adm. Asst.: EDNA ROACH, 520 So. 2nd St., #1208, Springfield, 62701. Chief-Clerk: ART RICE, 6425 Cherylwood Dr., #2, Springfield, 62707. Accountant: ADELE FUCHS, 3305 South Park, #2, Springfield, 62704. Pers. Tech.: JANE KOHORST, 3032 Thayer Ave., Springfield 62704. Clerk Typist: ELLEN WATKINS, 4248 So. 2nd, Springfield, 62703. Adm. Asst.: ANN VAUGHN, 305 Middleburg Dr., Sherman, 62684. Sec. II: MARY BAUER, R.R. #2, Benton 62812.

### MINE RESCUE STATIONS

### SUPERINTENDENTS, ASSISTANTS AND STATION ADDRESSES

Benton -- JARRET ROTRAMEL, 503 E. Main Street
Coulterville -- ENOS HAWKINS, 4th Street
DuQuoin -- DARREL GEORGE, 512 N. Hickory
Eldorado -- JAMES DEVILLEZ, 1519 Locust
Elizabethtown -- LOUIS ENGLISH, First Street
Springfield -- ROBERT DAUTEL, SR., 609 Princeton

### ASSISTANT SUPERINTENDENTS

Benton -- ROBERT COCKRUM, 404 S. Poplar, Sesser
Coulterville -- PHILIP PFLASTERER, Gen. Del., Tilden
DuQuoin -- ROBERT KELLER, Box 66, Tamaroa
Eldorado -- LARRY BOWERS, Box 29, Harrisburg
Elizabethtown -- PAUL MELVIN, 405 Oaklawn, West Frankfort

### METAL MINE INSPECTOR

FRANK GOLDEN, R.R. #1, Herod, Illinois 62947

### LIST OF STATE MINE INSPECTORS AND COUNTIES COMPRISING THEIR RESPECTIVE DISTRICTS

ROBERT PATE, State-Inspector-at-Large, R.R. 2, Box 339C, Harrisburg 62946, Saline, Williamson, Jefferson, Perry and Randolph.

THOMAS PINNELL, State-Inspector-at-Large, Box 73, Farmersville 62533, Christian and Montgomery.

THOMAS ALLAN, 515 E. Walnut, Gilléspie, 62033. JOHN ANDERSON, 62 Woodland, Sunset Lake, Girard, 62640, Macoupin and Douglas.

WILLIAM CROSS, Box 324, Coulterville, 62237, Perry, Randolph and Washington.

WILLARD DAME, Box 361, Sesser, 62884, Franklin, Williamson, Perry and Randolph.

WILBUR FRANKLIN, Box 55, Tilden, 62292, Randolph, St. Clair and Perry. ROY GREER, R.R. #4, Harrisburg, 62946, Saline, Wabash and White. JOHN HAMMOND, Box 109, Rushville, 62681, Fulton, Schuyler, Jo Daviess

McDonough and Adams. JAMES HILL, Box 216, Galatia, 62935, Wabash and Gallatin.

DALE JOHNSON, Box 114, Woodhull, 61490, Fulton, Peoria, Logan and LaSalle.

ROBERT JONES, 110 W. Capital, Benton, 62812.

BERNARD MARTIN, 616 N. Silver, Taylorville, 62568, Macoupin and Clinton.

ROBERT MELVIN, R.R. #1, West Frankfort, 62896, Franklin and Williamson. JAMES MOONEYHAM, R.R. #1, Box 420, West Frankfort, 62896, Franklin and Perry

LEROY ROBINSON, R.R. #1, Box 289, Carterville, 62918, Jackson, Jefferson and Williamson.

HARRISON SILEVEN, 609 N. Adams St., West Frankfort, 62896, Franklin and Hamilton.

ROBERT WALKER, 305 E. Raymond Street, Harrisburg, 62946, Saline and Gallatin.

FRANK GOLDEN, R.R. #1, Herod, 62947, Hardin, Pope, Madison, Monroe, Randolph, Alexander and Williamson.

### MINE SAFETY TRAINING SECTION

COORDINATOR-INSTRUCTOR: Arthur Joe Williams, 715 Susan Esther, Benton, 62812.

### EMERGENCY MEDICAL TRAINING SECTION

COORDINATOR: Charles Loftis, 116 Lakeshore Drive, Carterville, 62918.

### EXPLOSIVE INSPECTION SERVICE BENTON, ILLINOIS

INSPECTOR: Paul Davis, 1815 N. State St., Eldorado, 62930.

INSPECTOR: Lester W. Glynn, 58 Second St., LaSalle, 61301.

INSPECTOR: Donald Hafliger, 421 E. Esther, Taylorville, 62568.

I. GENERAL

No. Name of Operator County Post Office 1 Ace Diggin, Inc., Ace Mine
2 A & F Coal Company, Arclar Mine Williamson Carterville Gallatin Harrisburg 3 Amax Coal Company, Delta Williamson Marion 4 Amax Coal Company, Leahy Perrv Campbell Hill 5 Amax Coal Company, Wabash 6 Arch of Illinois, Inc., Captain 7 Black Beauty Coal Co., Cedar Creek Wabash Keensburg Perry Percy Schuyler Camden Perry 8 Carter Coal Corporation, Kathleen Mine Cutler Perry 9 Consolidation Coal Co., Burning Star #2 10 Consolidation Coal Co., Burning Star #4 DuQuoin Perry Cutler 11 Consolidation Coal Co., Burning Star #5 DeSoto Jackson 12 Equality Mining Company, #1 Saline Harrisburg 13 Freeman United Coal Mining Co., Crown II Macoupin Virden 14 Freeman United Coal Mining Co., Orient #4 Williamson Pittsburg 15 Freeman United Coal Mining Co., Orient #6 Jefferson Waltonville 16 Freeman United Coal Mining Co., Fidelity #11 Perry DuQuoin Freeman United Coal Mining Co., Crown III 17 Macoupin Farmersville Freeman United Coal Mining Co., Industry 18 McDonough Industry 19 Freeman United Coal Mining Co., Crown III Macoupinn Farmersville 20 Inland Steel Coal Company, #1 Jefferson Sesser 21 Inland Steel Coal Company, #2 Hamilton McLeansboro 22 Jader Fuel Company, Inc., Jader #4 Galltin Shawneetown 23 Jader Fuel Cmpany, Inc., Lovilia Gallatin Shawneetown 24 Kenellis Energies, Inc., Brushy Creek Saline Galatia 25 Kerr-McGee Coal Corp., Galatia Mine Saline Harrisburg Fulton 26 Midland Coal Company, Rapatee Farmington 27 Monterey Coal Company, #1 Macoupin Carlinville 28 Monterey Coal Company, #2 Clinton Albers 29 Old Ben Coal Company, #21 Franklin Sesser 30 Old Ben Coal Company, #24 Franklin Benton 31 Old Ben Coal Company, #25 Franklin West Frankfort 32 Old Ben Coal Company, #26 Franklin Sesser 33 Peabody Coal Company, #10 Christian Pawnee 34 Peabody Coal Company, Baldwin #1 Randolph Marissa 35 Peabody Coal Company, Eagle #2 Gallatin Shawneetown 36 Peabody Coal Company, Marissa Washington Marissa 37 Peabody Coal Company, River King #3 St. Clair New Athens 38 Peabody Coal Company, River King #6 Randolph Marissa 39 Peabody Coal Company, River King U/G #1 St. Clair Freeburg 40 Peabody Coal Company, Will Scarlet Saline Stonefort 41 Sahara Coal Company, #6 Saline Harrisburg 42 Sahara Coal Company, #7 Saline Harrisburg 43 Sahara Coal Company, #21 Saline Harrisburg 44 Sahara Coal Company, #22 Saline Harrisburg 45 J. J. Track Mining Co., Brown Bros., #2 &3 Saline Harrisburg 46 Turris Coal Company, Elkhart Logan Elkhart 47 White County Coal Corp., Pattiki White Carmi 48 Williamson Coal Company, #2 Williamson Energy

Douglas

Douglas

Randolph

Randolph

Murdock

Murdock

Sparta

Coulterville

Zeigler Coal Company, #5

Zeigler Coal Company, #11

52 Zeigler Coal Company, Spartan

Zeigler Coal Company, Murdock

49

50

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	Gen. Supt.	Mine Supt.	Mine Mgr.	Address of Main Office of Company
1	J. Buchanan	J. Buchanan	J. Buchanan	500 Main St., P.O. Box 550, Golconda, IL 62938
2	T. Franks	G. Fleschner	C. Austin	P.O. Box 444, Harrisburg, IL 62946
3		C. Crowe		P.O. Box 967, Indianapolis, IN 46206
4			W. Kirchner	P.O. Box 967, Indianapolis, IN 46206
5	S. Garcia	B. Hall	L. Prather	P.O. Box 967, Indianapolis, IN 46206
6	T. Sullivan	A. O'Keefe		200 N. Broadway, St. Louis, MO 63102
7	H. Decker	H. Decker	H. Decker	421 Great Circle Dr. Nashville, TN
8		S. Sharpr	S. Sharpr	405 E. Park St., Benton, IL 62812
9		R. Gann		P.O. Box 218, Pinckneyville, IL 62274
10	H. Myers	S. Rensi		P.O. Box 218, Pinckneyville, IL 62274
11	,	R. Hartstirn		P.O. Box 218, Pinckneyville, IL 62274
12	C. Maloney			R.R. #2, Harrisburg, IL 62946
13		D. Webb	T. Kell	300 W. Washington St., Chicago, IL 60606
14	G. Higgins	W. Hankins	R. Wilkins	300 W. Washington St., Chicago, IL 60606
15	G. Higgins	E. Fletcher	J. Hess	300 W. Washington St., Chicago, IL 60606
16	D. Walker	D. Wild		300 W. Washington St., Chicago, IL 60606
17		E. Fletcher	J. Burke	300 W. Washington St., Chicago, IL 60606
18		D. Tippey		300 W. Washington St., Chicago, IL 60606
19		G. Brown	A. Ott	300 W. Washington St., Chicago, IL 60606
20	D. Jones	H. Collins	H. Collins	P.O. Box 566, Sesser, IL 62884
21	B. Edwards	S. McCommons	S. McCommons	P.O. Box 566, Sesser, IL 62884
22	E. Downen	E. Downen	B. DeVous	P.O. Box 620, Shawneetown, IL 62984
23	T. Wignall	F. Cooley	C. Williams	P.O. Box 90A, Junction, IL 62954
24		C. Newcom	E. Hatcher	101 E. DeYoung, Suite 2, Marion, IL 62959
25	P. Lilly	S. Rowland	M. Dovey	123 Robert S. Kerr, Oklahoma City, OK 73125
26	R. Gilstrap	D. Lidwell	R. Kropp	P.O. Box 159, Farmington, IL 61531
27	G. L. May	A. B. Floyd	J. Lehmann	P.O. Box 496, Carlinville, IL 62626
28	G. L. May	G. L. Roberts	D. Lange	P.O. Box 496, Carlinville, IL 62626
29	W. Young	B. Dunnigan		333 W. Vine Street, Lexington, KY 40507
30	L. Wilson	L. Gorgan		333 W. Vine Street, Lexington, KY 40507
31	J. Reynolds	A. Lynch		333 W. Vine Street, Lexington, KY 40507
32	M. Cavinder	R. Spillman		333 W. Vine Street, Lexington, KY 40507
33	C. Crawford	W. Raetz	L. Parks	301 N. Memorial Drive, St. Louis, MO 63102
34	R. Nerone	J. Laughland	J. Pickett	301 N. Memorial Drive, St. Louis, MO 63102
35	R. Danko	J. Sharp	C. Dixon	301 N. Memorial Drive, St. Louis, MO 63102
36	R. Nerone	D. Kinstler	R. Wilsonato	301 N. Memorial Drive, St. Louis, MO 63102
37	D. Stevenson	C. Thomas		301 N. Memorial Drive, St. Louis, MO 63102
38		C. Thomas		301 N. Memorial Drive, St. Louis, MO 63102
39	R. Dankoe	B. Murphy	D. Jenkel	301 N. Memorial Drive, St. Louis, MO 63102
40	D. Stevenson	C. Williams		301 N. Memorial Drive, St. Louis, MO 63102
41	W. Lucas	C. Griffiths	D. Dallas	Three 1st Nat. Plaza, Suite 3050, Chicago, IL 60602
42	W. Lucas	T. Gulley	T. Perkins	Three 1st Nat. Plaza, Suite 3050, Chicago, IL 60602
43	W. Lucas	J. Teal	D. Pankey	Three 1st Nat. Plaza, Suite 3050, Chicago, IL 60602
44	W. Lucas	C. Griffiths	L. Newton	Three 1st Nat. Plaza, Suite 3050, Chicago, IL 60602
45	J. Brown	J. Brown	J. Brown	P.O. Box #288, Harrisburg, IL 62946
46	F. Blackard	J. Hughes	T. Wilson	P.O. Box 21, Elkhart, IL 62634
47	C. Rhye	D. Wooten	D. Merritt	P.O. Box 645, Tulsa, OK 74101
48	W. Pace			P.O. Box 458, Cambria, IL 62915
49		D. McReakin	R. Roper	331 Salem Place, Fairview Hts., IL 62208
50		D. McReaken	J. Harris	331 Salem Place, Fairview Hts., IL 62208
51	(	C. Reidelberger		331 Salem Place, Fairview Hts., IL 62208
52		F. Chamness	M. Smart	331 Salem Place, Fairview Hts., IL 62208

I GENERAL - TABLE 2
GENERAL STATEMENTS WITH COMPARATIVE FIGURES - 1981-1985

	1985	1984	1983	1982	1981
COUNTIES AND MINES				22	20
No. of Counties Producing Coal	21	22	23	22	20
Number of Mines Operated	52	52	54	61	58
Number of Underground Mines	32	31	31	33	31
Number of Surface Mines	20	21	23	28	27
OUTPUT OF TONS					
All Mines	60,477,256	65,289,191	58,373,580	61,428,170	51,798,653
	38,648,623	39,945,487	33,370,383	35,683,871	29,235,503
Underground Mines Surface Mines	21,828,633	25,343,704	25,003,197	25,744,299	22,563,150
EMPLOYEES					
	14,831	14,803	14,759	14,950	18,148
All Mines	11,386	10,857	10,514	10,554	13,351
Underground Mines	3,445	3,946	4,245	4,396	4,797
Surface Mines	3,443	3,,,,,	.,		
DISPOSITION OF TONNAGE					
Via Railroad	44,016,187	51,145,961	39,838,997	43,685,833	40,813,641
Via Barge or Rail/Barge					
Combination	8,867,239	4,579,844	9,004,751	5,677,129	2,380,414
Local Trade and Via Truck	7,700,515	9,189,465	8,490,655	10,561,067	8,389,031
Local trade and via freek	,,,	.,,			
EXPLOSIVES-POUNDS					
	75 027 204	101,022,594	103.652.544	103,511,576	72,895,582
AN/FO	12,068,071	5,201,175	2,137,154	2,044,550	2,235,640
Watergel/Slurry	525,401	649,941	577,680	762,439	735,656
Dynamite/Primers	5,691,590	59,662	66,860	161,275	83,105
Permissibles	3,091,390	35,002	55,000		
CASUALTY					
Number of Fatal Accidents	2	4	4	7	0
Number of ratal Accidents	1,210	1,115	1,214	1,577	1,389
Number of Non-Fatal Accidents	1,210	.,	1,-,		

### NEW MINES OPENED - - 1985

MINE INDEX NUMBER	OPERATOR	COUNTY	MONTH MINE OPENED
S-5	Black Beauty Coal Company, Codar Creek  J.J. Track Mining Company, Brown Bros. #3	Schuyler	May
L-131		Saline	March

### MINES REOPENED DURING 1935

MINE INDEX NUMBER	NAME OF OPERATOR WHEN MINE SUSPENDED OPERATIONS	MONTH & YEAR OF LAST OPERATION	COUNTY	NAME OF OPERATOR WHEN MINE REOPENED	MONTH RE- OPENED
S-21	Freeman United Coal Mining Company Crown III	5/32	Macoupin	Same	January
S-17	Zeigler Coal Company.	9/82	Randolph	Same	April

# MINES SUSPENDING OPERATIONS DURING 1985 SHOWING MONTH OF LAST OPERATION

MINE INDEX NUMBER	OPERATOR	COUNTY	MONTH OF LAST OPERATION
S-4 L-230	Jader Fuel Company, Inc., Lovilia	Callatin Williamson	April September

# MINES ABANDONED DURING 1935 SHOWING MONTH OF LAST OPERATION

OPERATOR CO	UNTY OF LAST OPERATIO
Track Mining Company, brown 3ros. \$2	ine Pebruary

# II Production

# II PRODUCTION - TABLE 3 - AVERAGE MAN-DAY PRODUCTION -- ALL MINES

County	Reports Tabulated	Man - Days	Tons Mined	Average Tons Per Man-Day
CHRISTIAN	-			
Underground Mines	1	255,134	2,516,238	9.86
Surface Mines	-			-
CLINTON				
Underground Mines	1	145,008	3,027,065	20.88
Surface Mines	-			-
DOUGLAS				
Underground Mines	2	73,616	979,891	13.31
Surface Mines	-			-
FRANKLIN				
Underground Mines	4	422,099	7,360,833	17.44
Surface Mines	-			-
FULTON				
Underground Mines	-			
Surface Mines	1	35,100	583,322	16.62
GALLATIN				
Underground Mines	3	128,676	1,379,582	10.72
Surface Mines	1	8,155	184,114	22.58
HAMILTON				
Underground Mines	1	108,263	1,043,032	9.63
Surface Mines	-			-
JACKSON				
Underground Mines	-			-
Surface Mines	1	117,527	2,542,724	21.64
JEFFERSON				
Underground Mines	2	283,648	3,571,055	12.59
Surface Mines	-			-
LOGAN				
Underground Mines	1	78,803	796,930	10.11
Surface Mines	-			-
McDONOUGH				
Underground Mines				
Surface Mines	1	28,254	532,127	18.83
MACOUPIN	_			
Underground Mines	3	248,694	3,568,538	14.35
Surface Mines	-			-
PERRY		00.1/0	(11 000	
Underground Mines	1	29,140	611,900	21.00
Surface Mines	5	639,129	12,526,730	19.60
RANDOLPH	2	000 ((5	2 505 046	15.77
Underground Mines	3	229,665	3,595,846	15.66
Surface Mines	1	31,737	506,345	15.95
ST. CLAIR		00 7/7		
Underground Mines	1	89,767	1,318,020	14.68
Surface Mines	1	29,675	518,000	17.46
SALINE		0// 010		
Underground Mines	5	266,910	2,937,641	11.01
Surface Mines	5	88,401	1,457,491	16.49
SCHUYLER				
Underground Mines				
Surface Mines	1	26,229	296,802	11.31
WABASH				
Underground Mines	1	188,424	2,665,930	14.15
Surface Mines	-			-
WASHINGTON				
Underground Mines	1	69,379	1,492,400	21.51
Surface Mines	-			-
WHITE		//	(02	
Underground Mines	1	44,385	690,901	15.57
Surface Mines	-			-
WILLIAMSON				
Underground Mines	1	94,742	1,092,821	11.54
Surface Mines	3	97,863	2,680,700	27.39

II PRODUCTION - TABLE 4 - OUTPUT OF ALL MINES BY MONTHS -- 1980-1985

Months	1980	1981	1982	1983	1984	1985
January	5,610,084	5,491,494	5,159,023	5,090,948	5,436,684	5,580,803
February	5,448,086	5,543,645	4,756,381	4,970,036	5,300,611	5,031,141
March	5,444,912	5,409,510	6,417,246	5,470,755	5,781,159	5,242,573
April	5,633,773	10,058	5,623,937	4,556,381	5,524,628	5,144,285
May	5,540,785	7,916	5,206,059	4,589,124	6,021,223	5,239,350
June	5,356,033	2,981,828	4,990,972	4,668,939	5,483,740	4,705,044
July	3,959,107	4,354,494	4,299,157	3,537,142	5,057,846	4,235,099
August	5,203,535	5,448,867	5,678,667	5,526,966	6,508,299	5,414,097
September	5,285,450	5,595,584	5,399,244	5,162,031	5,239,402	5,143,863
October	5,086,379	6,153,118	5,046,288	5,444,330	5,546,669	5,729,961
November	4,603,233	5,105,688	4,649,152	4,926,444	4,740,915	4,376,256
December	5,371,040	5,696,451	4,202,044	4,430,484	4,648,015	4,634,784
TOTAL	62,542,417	51,798,653	61,428,170	58,373,580	65,289,191	60,477,256

# II PRODUCTION — TABLE 5 -- NUMBER OF ALL MINES OPERATED AND AVERAGE WORKED DAY WORKED EACH MONTH 1980 TO 1985

Months	1980		1981 19		19	82   1983		1984		1985		
	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days
January	63	21	56	21	55	21	49	21	49	20	49	21
February	63	19	56	21	54	19	50	18	49	20	49	19
March	59	20	55	20	53	23	49	21	49	25	49	20
April	61	21	7	5	52	20	49	18	49	23	48	20
May	61	20	3	19	49	21	46	20	49	23	48	21
June	58	19	52	14	50	20	45	19	49	19	48	19
July	57	16	55	19	54	17	45	16	49	18	49	18
August	56	20	56	21	54	21	45	23	47	25	49	21
September	54	21	56	22	54	19	48	21	46	22	47	20
October	56	20	55	22	54	20	49	22	46	23	46	22
November	55	18	55	19	51	18	49	20	46	20	46	18
December	57	20	55	21	51	18	49	20	47	20	46	19

II PRODUCTION -- TABLE 6 -- RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OR MORE -- 1981-1985

County	Rank	1985	Rank	1984	Rank	1983	Rank	1982	Rank	1981
Perry	-	13,138,630	-	14,995,637	-	13,538,276	F	11,513,349	-	9,362,656
Franklin	2	7,360,833	2	7,788,141	2	5,864,413	<u>س</u>	5,949,862	<del>-</del>	5,179,325
Saline	3	4,395,132	3	5,231,311	2	3,614,115	_	3,226,215	7	2,738,133
Randolph	4	4,102,191	7	4,236,427	9	3,596,993	7	6,307,921	2	6,793,119
Williamson	2	3,773,521	5	3,991,273	3	3,841,533	9	3,227,029	9	2,943,492
Jefferson	9	3,571,055	9	3,767,447	7	3,811,278	7	4,412,725	7	4,134,292
Macoupin	7	3,568,538	7	3,395,459	6	2,563,865	2	3,909,226	2	3,673,250
Clinton	-	3,027,065	<u>~</u>	3,275,349	- 11	2,379,668	6	2,791,743	13	1,827,252
Wabash	6	2,665,930	10	2,544,916	∞	2,698,046	=	2,509,918	14	1,411,272
Jackson	10	2,542,724	-11	2,276,639	10	2,385,855	10	2,788,994	6	1,954,763
Christian	-	2,516,238	6	3,009,648	7	3,199,600	∞0	2,921,365		1,848,646
St. Clair	12	1,836,020	12	2,246,721	13	2,188,878	12	2,298,396	10	1,950,423
Gallatin	13	1,563,696	15	1,440,209	14	1,196,319	17	1,257,922	16	843,900
Washington	14	1,492,400	14	1,475,100	16	1,110,900	16	955,800	18	620,100
Hamilton	15	1,043,032	17	971,743	17	775,611	17	648,073	17	652,586
Douglas	16	979,89,	13	1,518,639	15	1,163,533	14	1,770,679	12	1,830,157
Logan	17	796,930	18	828,897	19	532,611	_	_	_	
White	18	690,901	_	_	_	_	_	_	_	
Fulton	19	583,322	16	1,066,545	12	2,318,395	13	2,255,407	∞	2,129,582
"cDonough	20	532,127	-	_	_				_	
Montgomery	_	_	_	_	_		15	1,700,670	15	1,353,446
Peoria					18	553,618	18	502,580	-	
				-		The second second				

II PRODUCTION -- TABLE 7 -- TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER OF EMPLOYEES IN ALL SHIPPING MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1968 INCLUSIVE,\* ALL MINES -- 1969-1985

		Al	l Mines			Stri	p Mines		Perc	entage	of
	Num	ber			Numb					ip Mine	
		f	Average		of		Av'rge				
Years	Mines	Men	Days Worked	Tons Produced	Mines	Men	Days Worked		Mines	Men	Tons
1920 1921	373 389	85,037		72,409,610		217		367,009			0.57
1921 1922		92,080	174	78,339,082 61,406,093		242 446		437,006 533,923			0.56
1923	374	99,081	146	73,410,837	6	412		895,608			1.22
1924	338	35,499	139	70,324,363		611		1,184,288	3.25	0.64	1.68
1925+ 1926		77,629 73,497	231 155	100,012,299   67,836,441		1,181	264 176	4,722,597			4.72
1927		74,117	112	44,926,433	15	1,139	138	3,482,611 2,756,410			5.13
1928	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80		7.58
1929	200	54,721	162	59,075,995		1,518		5,250,501			8.89
1930 1931		51,215    47,024	145 130	51,996,608 43,073,058		1,519		6,220,336 6,576,677			11.96   15.27
1932		44,078	107	31,402,399				6,628,228			21.11
1933	159	40,660	131	35,390,677	20	1,890	131	5,599,006			15.82
1934		40,943	147	38,655,527				6,008,218			15.54
1935	182 176	40,496    40,011	147 153	41,410,414 47,285,587		2,338		7,088,104 8,873,299			17.72
1937	168	38,553	152	48,062,076	30			11,176,074			23.25
1938		35,247	135	38,442,859	25	2,881	153	10,058,999	16.77	8.17	26.16
1939		33,034	140	42,994,107		2,854		11,295,547			26.27
1940	139   143	26,695    30,258	140 168	46,071,806    51,033,319				12,024,635 13,367,089			26.1
1942	141	30,022	201	61,124,628		3,495		15,937,681			26.1
1943	141	28,753	241	68,971,621	26	3,431	212	15,484,712	18.0	11.9	22.0
1944	157 159	29,010    28,198	230 224	73,958,923			204 198	17,108,528			23.1
1946	160	29,745	196	70,322,301 60,932,785	36	-,	166	16,203,763 14,302,739			22.0
1947	160	29,594	220	64,612,627	38	3,702	208	17,827,339			27.4
1948	160	29,803	186	62,494,412	45	4,064	172	16,758,306	28.1	13.6	26.8
1949	157 149	28,520    28,246	133 161	44,772,617 54,356,918	45   39		120 151	12,835,980			28.6
1951		26,936	158	52,595,098	33	3,729		16,459,126			32.9
1952	111	21,674	151	43,274,400	27	3,066	175	15,340,989	24.3	14.1	35.5
1953	97	17,201	153	43,847,321	29	3,076		15,495,734			35.3
1954   1955		15,252    12,418	152 169	40,017,802 43,880,729		2,889		15,388,078			38.5 40.0
1956		11,857	167	45,548,998				18,041,603			39.6
1957	92	11,604	164	44,532,214		3,154		18,439,200			41.4
1958		10,313	158	41,856,967		3,402		19,318,772			46.1
1959	83   78	10,027 9,772	162 171	43,515,737 43,703,382	46   40	3,185	152   167	20,532,528	55.4	31.8	47.2 47.9
1961	67		177	42,825,911		3,114	181	20,940,982	53.7	37.7	49.0
1962	64	7,892	182	45,262,974	37	2,984	183	22,482,457			49.7
1963	67		187	48,375,564				25,194,264			52.1
1964	68	-,,	185 195	51,888,467 55,452,130	40   39	3,091	186 173	27,863,966			53.7 55.4
1966	56		200	59,261,953	35			33,726,863			56.9
1967	52	8,054	261	60,488,521	32	3,129	210	34,794,177	61.5	38.8	57.5
1968	48		202	57,670,671	25			34,142,920			59.2
1969	62   64	9,591	206	64,832,584 64,884,103	14   35		202   198	34,659,957 33,268,533	54.8	38.0	53.5
1971	63		184	58,415,239	36		161	28,961,313	57.1	32.9	49.6
1972	59		219	65,521,394	33		216	33,805,599	55.9	32.9	51.6
1973	56		211	61,548,670 58,072,640	32   32		197   191	28,971,317 26,968,528	58 2	31.7	47.1 46.4
1975	57		205	59,539,019		4,097	189	27,658,936	63.2	30.0	46.5
1976	62	14,731	212	58,136,144	39	4,335	202	27,224,448	62.9	29.4	46.8
1977   1978	70		197	53,880,434		4,739	171				45.1
1978	71   71	17,861    18,499	173   208	48,744,149 59,538,127	43		170   203	23,854,568			48.9   45.1
1980	66		208	62,542,417	35		193				44.1
1981	58	18,148	191	51,798,653	27	4,797	197	22,563,150	46.6	26.4	43.6
1982	61 54		207	61,428,170		4,396	214				41.9
1984	52		208	58,373,580 65,289,191	23	4,245 3,946		25,003,197 25,343,704	40.41	28.8	42.8 38.8
1985			220			3,445		21,828,633			36.1
+From			o Decem								

+From July 1, 1924 to December 31, 1925.

<sup>\*</sup>Statistics from 1969 to present not comparable with those for prior years as they include local mines which were not reported previously in this table.

II PRODUCTION - TABLE 8 - MINES AND PRODUCTION

All Mines         Tons         <			1985	19	ħ86I	Incr	Increase (+) Decrease (-)	Perc Incre Decr	Percent of Increase (+) Decrease (-)
52 60,477,256 52 65,289,191 4,811,935		Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons
	All Mines	52	60,477,256	52	65, 289, 191	1	- 4,811,935	1	- 7%

II PRODUCTION -- TABLE 9 -- OUTPUT OF ALL MINES

_				100	Lohringer						
Name or P.	Post Office Address	Ja	January	រី -	)ruary		March		April		May
	*	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
#10 Pawnee		22	293,009	61	275,866	12	289,828	21	247,069	20	249,473
#2   Albers		22	301,791	19	272,942	20	276,188	20	289,214	211	391,772
#1   Murdock #5   Murdock		20	31,024	17	29,525	20	50,169	23	13,122 93,192	3 7	-0-
		-	00,010	19	1,741					_	
#21   Sesser		50	00,310	18	97,066	5 02	145,104	1	106,314	7 23	94,349
		14 20	111,334	18 18	97,066	2 2 3	145,104	1 1	106,314		94,349
#26   Sesser		20 17	95,383		97,066	20 20 21 22 22 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	145,104	1 1	106,314 95,706 102,339		94,349 155,402 96,217
-	kforti	20 20 20 20 21 20 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	95,383 130,706 187,158 240,225		143,841 1143,841 1143,841 1137,250 1143,599 1178,589	13 13 13 13 13 13 13 13 13 13 13 13 13 1	145,104 117,811 79,557 135,479	1 1	106,314 106,314 102,339 102,339 102,339 111,644		94,349 155,402 96,217 222,902 254,075
Farmington		20 20 21 14 19 19 19	95,383 130,706 187,158 240,225 653,502		97,066 97,066 143,841 137,250 143,599 178,589	13 13 15 17 17 17 17 17 17 17 17 17 17 17 17 17	145,104 117,811 79,557 135,479 143,671 476,518	1 1	106,314 95,706 102,339 230,794 181,644 610,483		94,349 155,402 96,217 222,902 254,075 728,596

AND DAYS WORKED EACH MONTH IN 1985

				Number of	days	Number of days in operation and tons of coal mined	on and	i tons of	coal	mined					L	
County		June		July	A	August	Sel	September	°	October	No	November	Ď	December		Total
Mine Index #	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
CHRISTIAN S-8	16	175,520	13	141,888	151	175,987	15	164,702	151	184,203	12	151,552	13	167,141 202	202	2,516,238
CLINTON S-4	19	267,480	13	184,729	18	262,327	16	235,375	19	294,439	14	200,390	10	140,418 211	211	3,027,065
DOUGLAS																
s-1 S-3	15	68,757	13	46,548	22	-0- 67,286	20	-0- 62,106	13	11,046	13 -	13,024  29,338	18	18,142  108 42,086  225	108   225	166,052 813,839
	15	68,757	13	46,548	22	67,286	20	62,106	18	78,437	13	42,362	15	60,228 167	167	979,891
FRANKLIN																
S-23	20	98,674	22	105,363	22	96,160	21 - 12	93,776		166,014	16	124,878		120,724	214	1,364,990
S-27	21	181,708		168,401	23	166,425	20	258,837	22	252,373		212,210	19	223,579		2,383,465
S-26	70	194,727	22	131,729	23	199,219	20	211,436		228,245		192,999	21	193,103	235	2,349,692
	19	563,310	23	515,332	22	517,222	20	649,592	23	746,594	18	641,542	20	654,863 236	236	7,360,833
FULTON															_	
8-45	21	64,099	=	30,124	20	58,313	20	50,168	22	52,799	18	47,895	23	67,676 230	230	583,322

					Num	oer of	Number of days in operation and tons of coal mined	perat	ion and to	o suc	coal min	pa	
Mine	County, Name of Operator and	Name or	Post Office Address		January	Fe	February		March		April		May
Number		of Mine		Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
S-7	GALLATIN COUNTY A & F Coal Co. Arclar		Harrisbure	23	12.014	18	8.957	1	15.085	1	15.893		21.672
S-5	Jader Fuel Company, Inc.	7#	Shawneetown	23	060,9	17	5,269	19	7,457	21	8,887	26	14,419
5-4	Jader Fuel Company, Inc.			_;	-	_ ;	- :		- 1			_	
21	Lovilia		Shawneetown	77	12,091	21	9,206	21	13,803	7	1,515	T	-0-
2	Eagle Company,	#2	Shawneetown	22	101,064	19	92,480	21	106,221	21	100,368	21	98,631
	Average Days and Total Tons			23	131,259	19	115,912	21	142,566	17	126,663	23	134,722
s-1	HAMILTON COUNTY Inland Steel Coal Company	#2	McLeansboro	17.1	73,631	15.	65,486	16	81,501	18	78,665	21	102,825
8 - 6	JACKSON COUNTY Consolidation Coal Co., Burning Star	#5	DeSoto	31	247,493	28	208,587	31	226,276	30	207,161	31	201,848
9-s	JEFFERSON COUNTY Freeman United Coal Mng.	:											
S-5	Company, Orient Inland Steel Coal Company	# # # 1	Waltonville Sesser	21 20	120,676	20	122,668	21 -	132,803	21 2	121,871	22	100,683 213,221
	Average Days and Total Tons			20	316,340	20	315,247	21	331,140	21	321,208	22	313,904
s-1	LOGAN COUNTY Turris Coal Company, Elkhart		Elkhart	30	80,487	28	64,232	31	72,833	29	63,824	30	55,576
s-1	McDonouGH COUNTY Freeman United Coal Mng. Company, Industry		Industry	30	36,668	27	35,998	31	43,373	29	51,502	31	47,557

				Number of	days	Number of days in operation and tons of coal mined	on and	tons of	coal	mined						
County		June		July	-	August	Set	September	0	October	No	November	De	December		Total
Mine Index #	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
GALLATIN S-7 S-5	20	18,453	23	18,440	22 2	17,646	22 23	22,211	24	23,703	21 19	21,277	24	15,259	268	210,610
S-4		-10-	-	-0-	-					-T0		- T-	1	0-	- 89	36,615
S-3	22	106,841	14	58,374	22	102,674	20	93,731	22	103,868	18	90,825	20	77,280	241	1,132,357
	21	146,337	22	101,103	22	146,016	22	132,355	25	153,810	19	127,832	22	105,121	211	1,563,696
HAMILTON S-1	19	77,185	13	61,493	23	95,352	20	99,349	23	138,247	14	71,659	18	97,639  214	214	1,043,032
JACKSON																
8-6	30	165,333	31	211,112	31	222,468	30	187,801	31	244,293	30	195,110	30	225,242  364	364	2,542,724
JEFFERSON																
S-6 S-5	20	81,832 197,173	13	76,841	20   23	122,471 201,628	20	122,898 181,196	22   23	126,428 205,628	16	83,704 199,575	16	78,365 176,382	232	1,291,240 2,279,815
	19	279,005	13	195,936	21	324,099	20	304,094	22	332,056	17	283,279	16	254,747	235	3,571,055
LOGAN																
S-1	30	65,609	30	77,395	31	66,092	29	59,551	31	51,044	28	62,612	28	80,675	355	796,930
MCDONOUGH																
S-1	30	50,238	30	50,192	27	43,358	29	44,430	31	50,859	27	37,669	27	40,283	349	532,127

					Num	ber o	Number of days in operation and tons of coal mined	operat	ion and to	ns of	coal min	P	
Mine	County, Name of Operator and	Name or	Post Office		January	E	February		March		April		May
Number		Of Mine	of Mine	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
S-20	MACOUPIN COUNTY Freeman United Coal Mng.												
	Company, Crown II	_	Virden	20	99,461	16	87,174	18	93,568	17	86,914	20	94,058
17-5	Freeman United Coal Mng.     Company, Crown III		Farmersville	- 4	15,752	20	50,828	17	52,020	21	50,445	23	
S-19	Monterey Coal Company	#1	Carlinville	18	196,762		165,900		166,344		179,057		174,416
	Average Days and Total Tons			14	311,975	17	303,902	17	311,962	18	316,416	20	322,843
	PERRY COUNTY												
S-35	Amax Coal Company, Leahy	_	Campb'1 Hill	23	197,239	22	184,528	24	194,654	22	021,804	23	190,707
5-34	Arch of IL, Inc., Captain		Percy	26	433,100		402,600		532,100		487,000		
5	Kathleen	-	Cutler	22	41,942	20	41,956	20	49,447	21	56,874	23	82,157
S-33	Consolidation Coal Co.,	#2	DuQuoin	20	236,321	19	205,669	- 6	95,912	1	70	- 6	91,054
S-36	Consolidation Coal Co.,	#/			170 080	α.	100		213 075	- 01	173 176	_ 00	0
S-14	Freeman United Coal Mng.	<u> </u>	Carter	7	100,007		70,,102	3	70,017				
	Company, Fidelity	#11	DuQuoin	30	73,060	28	57,181	21	51,499	28	104,134	31	81,015
	Average Days and Total Tons			24	1,252,651	21	1,093,696	20	1,136,687	23	1,022,988		21 1,028,618
	RANDOLPH COUNTY												
77-0	River King	9#	Marissa	16	72,100	15	63,000	15	65,100	17	64,600	15	65,600
07-8	Peabody Coal Company, Baldwin		Marissa	20	164,995		163.813	20	177,888		188,268	21	169,351
5-22	Zeigler Coal Company		Coulterville	24	118,737	22	111,478	22	121,274	22	107,990		109,470
/ T-S	Zeigler Coal Company	Spartan	Sparta	1			9		9	21	32,320		47,711
	Average Days and Total Tons			20	355,832	19	338,291	19	364,262	20	393,178	20	392,132

County		June		July		August	Se	September		October	N	November	Ď	December		Total
Mine Index #	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
MACOUPIN							-									
S-20	16	80,901	10	48,009	16	84,379	16	81,450	19	99,271	16	84,826	14	77,790 198	198	1,017,790
S-21 S-19	20	52,403 164,632	13	33,519	21   18	62,378	21	54,004 155,611	23	60,625	19	51,706 130,439	18	62,821	220	600,900
	17	297,936	12	208,681	18	324,157	18	291,065	20	347,219	16	266,971	19	265,411	205	3,568,538
PERRY S-35 S-34	21   23	164,156 411,500	26	276,999	25	252,181	21 24	164,853 509,000	24	246,262	24	124,671 316,800	20	192,551 398,100	275	2,390,605
S-37	19	59,002	12	36,968	22	890,67	70	75,657	10	33,040		26,676	- 00	29,113	205	611,900
s-33	13	125,693	17	188,711	17	182,442	13	136,587	15	162,684	13	105,215	22	147,019	167	1,677,307
s-36	15	161,098	19	173,882	19	195,965	16	173,047	22	232,320	15	128,035	22	198,565	224	2,332,999
S-14	30	72,953	30	51,866	29	77,314	30	64,007	31	85,121	27	54,862	23	62,685	338	835,697
	20	994,402	19	1,145,426	23	1,304,170	21	1,123,151	21	1,252,827	18	756,259	19	1,028,033	246	13,138,908
RANDOLPH																
S-23	14	37,900	18	36,100	14	57,700	7	44,245	1	7	1	7	1	-T-	131	506,345
8-20	20	153,574		87,607	21	156,889	18	156,999		173,692	17	148,017		165,849	227	1,906,942
S-22 S-17	22	102,266 60,805	13	58,788   39,816	22	87,730 80,038	20	90,940	22	94,962  85,336	17	56,274 68,420	23	63,711  2 79,100  1	180	1,123,620   565,284
	19	354,545	14	222,311	20	382,357	16	363,922	21	353,990	17	272,711	14	308,660	197	4,102,191

					Numb	er of	days in c	perat	ion and to	o suc	Number of days in operation and tons of coal mined	Pa	
Mine	County, Name of	Name or	Post Office		January	Fe Fe	February		March		April		May
Number		Of Mine	of Mine	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
S-94	ST. CLAIR COUNTY Peabody Coal Company											_	
0.07	River King	#3	New Athens	14	34,900	14	45,800	15	39,300	17	45,400	14	46,300
6-8	River King	U/G#1	Freeburg	19	103,285	17	94,972	20	125,791	21	113,035	22	118,813
	Average Days and Total Tons			16	138,185	15	140,772	17	165,091	19	158,435	18	165,113
										_		-	
L-134	SALINE COUNTY   Equality Mining Co., Inc.	#1	Harrisburg	22	26,900	22	27,728	25	28,884	23	27,079	22	14,023
L-131	J.J. Track Mining Co.,	_		_		_	_		_	_	_	_	
	Brown Bros.	#5	Harrisburg	23	1,729	16	3,050	1	Ā ~	1	- -	T	-0-
L-131	J.J. Track Mining Co.,	#3	Harrisburg		7		- <del>T</del>	21	1,020	25	4,204	27	4,235
S-60	Kenellis Energies, Inc.,			_	_	_		_			_	_	
	Brushy Creek Mine	_	Galatia	22	150,073	20	135,089	15	97,881	1	T-0-	T	-0-
S-61	Kerr-McGee Coal Corp.,			_		_		-					
001			Harrisburg	은 유	116,330	28	86,001	E -	89,617	78	75,776	<u></u>	64, 469
001-8	Peabody Coal Company,		Stonefort	22	979 89	- 81	375 76	- 1	54 370	20	50 760	20	54 041
-	Cahara Coal Company	46	uerri eburg	77	34,124	2 -	28,345		46,069	77	34,307		20,041
0/-	Cohorn Cool Company	#2	Harrishura	200	22, 242		14 994		26,354	17	15 948		15,720
5-57	Sahara Coal Company	#21	Harrishure	20 -	48 775	12	31 900	20 1	54.967	17	47.355		39,150
S-59	Sahara Coal Company	#22	Harrisburg	18	6,080		5,792		8,304		5,958	12	6,898
						+		1					
	Average Days and Total Tons			21	474,899	17	367,265	21	405,466	20	261,587	18	231,467
	SCHUYLER COUNTY												
S-5	Black Beauty Coal Co.		2000	- 1									000
	Cedar Creek mine		Campon		7	1	5		-				600,22
	WABASH COUNTY									-			
1 0	Wabash Company,		Keensburg	22	246,793	18	203,474	19	206,143	21	259,561	22	262,998
						-							

Number of days in operation and tons of coal mined

Hine Index # Days Tons St. CLAIR  S-94	County		June		July	-	August	Se	September	0	October	N	November	Ď	December		Total
14   51,100   13   41,900   14   38,500   16   44,700   17   43,700   17   18   188,906   12   74,515   20   123,185   17   105,213   17   95,411   17   18   188,906   12   116,415   17   161,685   16   149,913   17   139,111   17   18   18   188,906   12   116,415   17   161,685   16   149,913   17   139,111   17   18   18   18   18   18   18		Days	Tons	Days		Days	Tons	Days	-	Days	Tons	Days	Tons	Days	Tons	Days	Tons
14   51,100   13   41,900   14   38,500   16   44,700   17   43,700   17   18   196,906   12   74,515   20   123,185   17   105,213   17   95,411   17   18   18   196,906   12   116,415   17   161,665   16   149,913   17   139,111   17   18   18   18   18   18   18	ST. CLAIR																
18   198,906   12   116,415   17   161,685   16   149,913   17   139,111   17   18   198,906   12   116,415   17   161,685   16   149,913   17   139,111   17   18   18   18   18   18   18	76-S	14	51,100	13	41,900	14	38,500	16	44,700	17	43,700	17	47,000	15	39,400 180	180	518,000
18	2-97	22	147,806	12	74,515	20	123,185	17	105,213	17	95,411	17	113,459	20	102,535	224	1,318,020
4         20         22,905         23         15,193         22         26,108         18         27,431         -         -0-         -0-         -0-         -0-         -0-         -0-         -0-		18	198,906	12	116,415	17	161,685	16	149,913	17	139,111	12	160,459	1-1	141,935	202	1,836,020
1	SALINE L-134	20	22,905	23	15,193	22	26,108	18	27,431	1				===		208	216,251
1   20   2,285   20   8,650   20   6,221   19   1,293   21   4,220   19   1   1   1   1   1   1   1   1	L-131	1		1		1			- <del>-</del> -		- Ţ-	1		,	70	39	4,779
	L-131	20	2,285		8,650	20	6,221	19	1,293	21	4,220	19	1,218	21	3,981	213	37,327
30   74,183   30   105,634   31   118,962   29   124,886   31   121,370   28   1   10   23,986   47   45,109   22   51,784   18   52,887   18   48,398   14   11   34,508   14   2   2   2   25,18   20   54,107   17   47,392   12   49,518   18   24,588   18   24,588   18   24,588   18   24,588   19   33,011   15   10   240,402   18   382,369   20   466,411   20   491,091   21   432,295   17   3   30,157   20   32,203   22   27,908   24   40,997   23   63,192   19   19   207,903   13   144,704   21   238,238   20   225,588   23   281,758   18   2	09-s	7	- T -	13	79,137	17	112,216	- 61	129,464	16	104,322	16	102,197			138	910,379
18   60,243   21   69,768   19   72,841   20   71,587   23   78,142   16   16   16   16   16   16   16   1	S-61	30	74,183		105,634	31	118,962	29	124,886	31	121,370	28	109,866	28	125,719	354	1,215,813
10   12, 496   47   45, 199   22   51, 182   18   25, 887   18   46, 598   14   16, 345   18   42, 519   22   28, 215   20   29, 346   19   33, 0.11   15   45, 508   14   32, 033   21   24, 268   20   54, 107   17   42, 832   12   20   25, 107   17   42, 832   12   20   25, 107   17   42, 832   12   20   466, 401   20   491, 091   21   432, 295   17   30, 1157   20   32, 203   22   27, 908   24   40, 997   23   63, 192   19   207, 903   13   144, 704   21   238, 238   20   225, 588   23   281, 758   18   2	s-100	18	60,243		89,768	19	72,841	20	71,587	23	78,142	16	51,747		60,500	237	727,191
11   34,508   18   24,393   21   22,215   20   25,408   19   33,011   15     10   6,037   11   2,426   8   2,518   -0   5,07   7   42,832   12     16   240,402   18   382,369   20   468,411   20   491,091   21   432,295   17   3     21   30,157   20   32,203   22   27,908   24   40,997   23   63,192   19     22   207,903   13   144,704   21   238,238   20   225,588   23   281,758   18   2	S-1	2:	23,896		45,109	22	51,782	18	52,887	18	48,398	14	37,480	15	39,575	186	471,973
10 6,037   11 2,426 8 2,518   -1 -0-  -1 -0-  -1	S-57	==	34,508	14	32,093	22	28,215	70 70 70	29,436	19	33,011	12	27,739		31,9976	201	274,340
16         240,402         18         382,369         20         468,411         20         491,091         21         432,295         17           21         30,157         20         32,203         22         27,908         24         40,997         23         63,192         19           19         207,903         13         144,704         21         238,238         20         225,588         23         281,758         18	S-59	10	6,037		2,426	00	2,518	1	T 0	1	-0-	1	7		7	106	44,013
21 30,157 20 32,203 22 27,908 24 40,997 23 63,192 19 8 19 207,903 13 144,704 21 238,238 20 225,588 23 281,758 18 2		16	240,402	18	382,369	20	468,411	20	491,091	21	432,295	17	356,132	18	283,748	187	4,395,132
5   21   30,157   20   32,203   22   27,908   24   40,997   23   63,192   19	SCHUYLER																
1   19   207,903   13   144,704   21   238,238   20   225,588   23   281,758   18	S-5	21	30,157	20	32,203	22	27,908	24	40,997	23	63,192	19	41,808	20	38,528 170	170	296,802
19 207,903 13 144,704 21 238,238 20 225,588 23 281,758 18	WABASH																
	S-1	19	207,903		144,704	21	238,238	20	225,588	23	281,758	18	212,232	18	176,538	234	2,665,930

					Num	ber o	Number of days in operation and tons of coal mined	perat	ion and to	ns of	coal mine	P	
Mine		Name or	Po		January	124	February		March		April		Мау
Index	Operator and Mine	of Mine	Address of Mine	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
S-4	WASHINGTON COUNTY Peabody Coal Company, Marissa		Marissa	22	139,300	20	131,700 20	20	126,200 21	21	133,200	21	131,800
S-2	WHITE COUNTY White County Coal Corp., Pattiki		Carmi	25	32,070	21	39,839	24	54,680	21	83,824	22	75,052
L-280 S-4	WILLIAMSON COUNTY Ace Diggin, Inc., Ace Mine Amax Coal Company, Delta		Carterville Marion	111	4,594	20	2,639	22   21	2,292 231,464	19	906	17	1,066
S-99 L-259	Freeman United Coal Mng.   Company, Orient   Williamson Coal Company	#4	Pittsburg Energy	30	113,814	20	91,047	20	86,796	21 29	99,623	22	102,212
	Average Days and Total Tons	- 8		21	357,020	22	321,871	23	344,134	22	358,818	22	323,524
	Grand Total			21	5,580,803	19	21 5,580,803 19 5,031,141	20	20   5,242,573	20	20 5,144,285		21 5,239,350
-		Contraction of the last											

Number of days in operation and tons of coal mined

June		July		Αr	August	Š	September	0	October	ž	November	Ā	December		Total
Tons	Da	Days To	Tons	Days	Tons	Days	tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons
1															
	128,400 1	12   72	72,200	19	131,900	18	127,500	19	124,900, 18	18	123,100	20	122,200 232	232	1,492,400
	86,897 2	70   87	84,195	7	15,568	,	- T-	6	38,292	20	94,202	17	86,282 197	197	690,901
-	1,462 1		5,285	25	19,365		7,972		- 7	- <del>-</del>	~ Ţ	1	ò	-0 <del>-</del> 152	45,581
	124,867 1	12   129	29,783	22	258,032	18	210,318	21	231,865	17	139,896	70	205,840 227	227	2,392,141
	98,018 1		3,612	20	88,102	20	97,858	23	111,808	17	81,066		68,865	234	1,092,821
-		30   23	22,063	23	15,684	28	24,965	31	25,923	23	9,518	26	14,711  336	336	242,978
1 -	245,623 1	17 21(	210,743	22	381,183	20	341,113	25	369,596	19	230,480	21	289,416 237	237	3,773,521
1 -	19 4,705,044 1	18 4,235,099	35,099	21   5	21 5,414,097	20	20 5,143,863	22	22 5,729,961	18	18   4,376,256	19	19 4,634,784 220	220	60,477,256

II PRODUCTION -- TABLE 10

				Dis	Disposition of Output-Tons	utput-Tons		
Number	   Name of Operator	Post Office Address of The Mine	1985 Total Production	1985 Tons Shipped Production Via Railroad	Tons Shipped Via Barge	Tons Shipped Tons Shipped Via Rail/Bargel Tons Shipped Via Rail/Bargel Tons Shipped Via Railroad Via Barge Combination Via Truck	Tons Shipped Via Truck	Tons Sold To   Local Trade
	CHRISTIAN COUNTY							
S-8	Peabody Coal Company, #10	Pawnee	2,516,238	995		-	ļ	2,520,177*
	CLINTON COUNTY							_
S-4	Monterey Coal Company, #2	Albers	3,027,065	3,000,995	-		-	5
	DOUGLAS COUNTY							_
S-1 S-3	Zeigler Coal Company, Murdock Murdock   Zeigler Coal Company, #5   Murdock   Total 2 Mines	k Murdock   Murdock	166,052 813,839 979,891	208,396			166,052 605,443 771,495	
	FRANKLIN COUNTY							
S-23	Old Ben Coal Company, #21	Sesser	1,364,990	1,350,220	-			1,071
S-25	Old Ben Coal Company, #24	Benton	1,262,686	1,242,582			1	;
S-27	Old Ben Coal Company, #25	W. Frankfort	2,383,465	2,383,008	!		1	
s-26	01d Ben Coal Company, #26	Sesser	2,349,692	2,254,336			93,034	6,092
	Total 4 Mines		7,360,833	7,230,146			93,034	7,163
	FULTON COUNTY							
S-45	Midland Coal Company,   Rapatee	Farmington	583,322	108,462			487,584	1,622

II PRODUCTION -- TABLE 10

					Explosives used for Blasting Coal	sed for B	lasting Co.		Number of		
		-		•	20110140	101	9				
Mine Index Number	Tons Used   At Mine Or Stockpiled	Total Employees	Days of Active	Tons Used Blasting Days of Blasting At Mine Or Total Active Caps or Stockpiled, Employees Operation Detonators	Water Gel/  Dynamite/  Permiss- Slurry   Primers   bles Pounds   Pounds   Pounds	Dynamite/  Permiss Primers   bles Pounds   Pounds	Permiss- bles Pounds	AN/FO Pounds	Mining Mach- I Tons Mined ines Airdox By Machine	Tons Mined In Strip	Tons Mined In Strip Mines
CHRISTIAN COUNTY	DUNTY										
8-8		206	202		T			-	C-12	2,516,238	
CLINTON COUNTY	, ALA						-				
S-4	26,065	695	211		T		-		C-14	3,027,065	
DOUGLAS COUNTY	I ALK								-		
S-1		65	108		T		1		<del></del>	166,052	
8-3	T	201	225	-	T	·	-	T	C-41	813,839	
	T		333		T				- <del>8</del> -5	, 68, 676	1
FRANKLIN COUNTY	JNTY										
S-23	13,699	907	214	-	T		-		*1	1,364,990	
S-25	20,104	300	250		T		1	Ţ-	 	1,262,686	1
S-27	457	987	245	I	T			T	- 5 5 5 5 7 6 7 7 6	2,383,465	ł
S-26		503	235	-				- T	C-	2,349,692	-
	34,260	1,695	776		T-			-Ţ-	 	7,360,833	-
FULTON COUNTY	LY										
S-45	2,739	133	230	43,390		14,044	29,950	1,297,700	- T-	T	583,322
									-		

				ı	Disposition of	Disposition of Output - Tons		
Number	Name of Operator	Post Office Address of the Mine	1985 Total Production	1985 Total Tons Shipped Production Via Railroad	Tons Shipped Via Barge	Tons Shipped Tons Shipped Via Rail/Barge Via Railroad Via Barge Combination	Tons Shipped Via Truck	Tons Sold To
GALLA	GALLATIN COUNTY							
S-7	A & F Coal Co., Arclar	Harrisburg	210,610	1	210,610	-		-
5-2	Jader Fuel Company, Inc. #4	Shawneetown	184,114		113,362		73,235	!
0	Lovilia	Shawneetown	36,615	1	35,187	1	2,125	
2	reabody Coal Company,   Eagle #2   Total 4 Mines	Shawneetown	1,132,357		1,097,057		75,360	
	HAMILTON COUNTY							
S-1	Inland Steel Coal Company #2 McLeansboro	McLeansboro	1,043,032	900,878	-	72,244	56,223	
	JACKSON COUNTY							
8-6	Consolidation Coal Company,   Burning Star #5	DeSoto	2,542,724	2,624,794		24,119	2	
	JEFFERSON COUNTY							
S-6 S-5	Freeman United Coal Mng. Co.   Orient #6   Inland Steel Coal Company, #1   Total 2 Mines	Waltonville   Sesser	1,291,240 2,279,815 3,571,055	1,181,866 2,097,973 3,279,839	111	122,120 22,535 144,655	89,896 125,587 215,483	922
	LOGAN COUNTY							
S-1	Turris Coal Company, Elkhart	Elkhart	796,930				797,261	-
	McDONOUGH COUNTY							
s-1	Freeman United Coal Mng. Co. Industry	Industry	532,127		413,426		81,797	69

				3	Explosives Used for Blasting Coal	Jsed for B	lasting Co	al	Number of	jo .		
Mine Index Number	Tons Used At Mine or	Total	Days of Active Operation	Tons Used At Mine or Total Active Caps or Stockpiled Employees Operation Detonators	Water Gel/ Slurry Pounds	Dynamite/  Permiss- Primers   ibles Pounds   Pounds	Permiss- ibles Pounds	AN / FO Pounds	Mining Mach- ines	Airdox	Tons Mined Airdox By Machine	Tons Mined In Strip Mines
GALLATIN COUNTY	UNTY											
S-7 S-5	4111	33	268 267	4,750	TT	11,700		1,501,525	C-5	1.1	210,610	184,114
S-4	2,940		89		T		   	T	C-1	1	36,615	1
S-3	35,300	417	241	4,750	-TT-	11,700		1,501,525	C-8-0	1.1	1,132,357	184,114
HAMILTON COUNTY	UNTY											
S-1	16,016	461	214	-	T				C-9		1,043,032	-
JACKSON COUNTY	NTY											
6-S		354	365	19,800	654,500	72,000	1	5,603,980	T	1	T	2,542,724
JEFFERSON COUNTY	OUNTY											
s-6 s-5	33,720	521 632 1,153	232 238 470					TTT	C-10  C-9  C-19	111	1,291,240 2,279,815 3,571,055	
LOGAN COUNTY	Y											
S-1		317	355						C-5		796,930	
McDONOUGH COUNTY	OUNTY											
S-1	36,835	100	349	8,183		16,299		2,845,350		1		532,127

				ı	Disposition of	Disposition of Output - Tons		
Number	 	Post Office Address of the Mine	1985 Total Production	1985 Tons Shipped Froduction Via Railroad	Tons Shipped Via Barge	Tons Shipped Tons Shipped Via Rail/Barge Via Railroad Via Barge Combination	Tons Shipped Via Truck	Tons Sold To   Local Trade
	MACOUPIN COUNTY							
s-20	Freeman United Coal Mng. Co.	Virden	1,017,801	1,002,171			11,666	1 127
5-21	Freeman United Coal Mng. Co.			079 005			85 714	1,4
S-19	Crown III  Monterey Coal Company, #1	Carlinville	1,	Τ,	1		390,865	3   3
	Total 3 Mines		3,568,538	3,103,312	1		488,245	143
	PERRY COUNTY							
S-35	Amax Coal Company, Leahy	Campb'1 Hill	2,390,605	2,350,277	1	-	76	
S-34	Arch of Illinois, Inc.,	Percy	5.290.400	3,203,400		2,590,500		
8-37	Carter Coal Corp., Kathleen1	Cutler	611,900		-		-	-
s-33	Consolidation Coal Company,   Burning Star #2	DuQuoin	1,677,307	1,617,707	***	1	44,786	1,445
S-36	Consolidation Coal Company,   Burning Star #4	Cutler	2,332,999	2,398,616			***	
S-14	Freeman United Coal Mng. Co.,	DuQuoin	835,697			204,192	66,912	978
	Total 6 Mines		13,138,903	10,127,469		2,794,692	111,792	2,291
	RANDOLPH COUNTY							
S-20	Peabody Coal Co., Baldwin	Marissa	1,906,942	1,304,047	-	631,195		
S-23	Peabody Coal Company,   River King #6	Marissa	506,345				1	
S-22	Zeigler Coal Company, #11	Coulterville	1,			726,982	11,236	
110	Total 4 Mines	8	4,102,191	2,		1,723,916	16,889	-
	ST. CLAIR COUNTY							
S-94	Peabody Coal Company,   River King #3	New Athens	518,000	518,000			1	
<u> </u>	Feabody Coal Company,   River King U/G #1   Total 2 Mines	Freeburg	1,318,020 1,836,020	518,000		1,209,619	110,371	

					Explosives Used for Blasting Coal	sed for B	asting Co	181	Numbe	Number of	to the speciment	
Mine Index Number	Tons Used At Mine or Stockpiled	Total Employees	Days of Active Operation	Tons Used Days of Blasting At Mine or Total Active Caps or Stockpiled Employees Operation Detonators	Water Gel/ Slurry Pounds	Dynamite/ Primers Pounds	Permiss- ibles Pounds	AN/FO Pounds	Mining Mach- ines	Airdox	Tons Mined Airdox By Machine	Tons Mined In Strip Mines
MACOUPIN COUNTY	INTY											
s-20	3,837	707	198		T				C-12	1	1,017,801	
s-21 s-19	14,530	212 557 1,173	220 196 614		-			-TTT-	C-7 C-10 C-29	111	600,900 1,949,837 3,568,538	
PERRY COUNTY												
s-35	40,234	282	275	21,008	1,407,190	25,759	-	5,419,479		1		2,390,605
S-34 S-37	108,400	820 119	270	83,000	-TT-	84,928		18,773,880	18		611,900	5,290,400
s-33	13,369	195	167	002,096	T		254,400	6,864,000	T		- T	1,677,307
s-36	-T-	299	224		T	138,000		7,524,000	T	1	T-	2,332,999
S-14	6,278	207 1,922	338	31,358	268,358 1,675,590	10,531	254,400	3,154,300	- E-		611,900	835,419 12,526,730
RANDOLPH COUNTY	JNTY											
S-20		483	227			-			C-8		1,906,942	-
S-23 S-22		221	131	20,000	4,020	10,080	15,000	591,772			1,123,620	506,
S-17	TT-	172 876	180	20,000	4,020	10,080	15,000	591,772	C-3	1 1	3,595,846	506,345
ST. CLAIR COUNTY	DUNTY											
s-94		96	180		T	3,750		358,290	T	1		518,000
2-97	6,430	340 436	224	11	777	3,750		358,290	9-5	1	1,318,020	518,000

					dispostion of	Dispostion of Output - Tons		
Number	Name of Operator	Post Office Address of the Mine	1985 Total Production	1985 Tons Shipped Toduction Via Railroad	Tons Shipped Via Barge	Tons Shipped Tons Shipped Via Rail/Barge Via Railroad Via Barge Combination	Tons Shipped Via Truck	Tons Sold To   Local Trade
	SALINE COUNTY							
L-134	Equality Mining Company	Harrisburg	216,251	1	1		216,251	
101-1		Harrisburg	4,779		-		4,779	1
L131	J.J. Track Mining Co., Inc.   Brown Bros. #3	Harrisburg	37,327		909		36,712	109
s-60	Kenellis Energies, Inc.,   Brushy Creek	Harrisburg	910,379	940,554	•	37,015	5,220	340
S-61	Kerr-McGee Coal Corp.,   Galatia Mine	Harrisburg	1,215,813	1,190,884			8 9 9	1
s-100	Peabody Coal Company,   Will Scarlet	Stonefort	127,191	145,448	396,384	95,238	76,931	169
S-1	Sahara Coal Company, #6	Harrisburg	471,943	•	-	-	36,007	-
S-40	Sahara Coal Company, #7	Harrisburg	274,340		-	-	20,936	-
S-57	Sahara Coal Company, #21	Harrisburg	493,096	7		1	37,623	1,856
s-59	Sahara Coal Company, #22   Total 10 Mines	Harrisburg	44,013 4,395,132	41,733	396,890	132,253	3,359 437,818	2,799
	SCHUYLER COUNTY							
S-5	Black Beauty Coal Co.,   Cedar Creek Mine	Camden	296,802				296,427	375
	WABASH COUNTY	_						
S-1	Amax Coal Co., Wabash	Keensburg	2,665,930	2,668,788	1		1 3 5	150
	WASHINGTON COUNTY							
S-4	Peabody Coal Co., Marissa	Marissa	1,492,400	1,531,500	1	1	-	-
	WHITE COUNTY							
S-2	White County Coal Corp., Pattiki Mine	Carmi	690,901	671,399				

				E	Explosives Used for Blasting	sed for B	lasting		Number of	of		
Mine Index	Tons Used At Mine or	Total	Days of Active	Tons Used Days of Blasting Tak Mine of Total Active Caps or Stroknijed Employees Operation Deconstors	Water Gel/	Dynamite/  Permiss- Primers   ibles Pounds   Pounds	Permiss- ibles Pounds	AN/FO Pounds	Mining Mach-	Hox		Tons Mined In Strip Mines
CALTNE COUNTY						_			_			
SALINE COON												
L-134	-	26	208	2,400	133,000	10,680		1,035,750	-		T	216,251
L-131	-T-	1	39	2	7	277	23,800	T	T	 	T	4,779
L-131	-T	v	213	73	-T-	4,329	372,075		- T-		T	37,327
09-s	-T	353	138		1			T	C-4		910,379	
S-61	24,929	777	354		-T-			T	9-0	- <u>-</u> -	1,215,813	İ
s-100	12,699	179	237	42,367	126,085	21,858	4996365	T	Ť		- <sub>T</sub>	727,191
S-1	111		186	363,000	T	6,500		2,210,600	1 6	 	1-1-0%	471,943
S-40	9 108	138	201	11	TT			M	<u>7</u> <u>1</u>		493.096	
0 - 5 0 - 5			106		T		-	T	C-1	-	44,013	1
	37,844	1,581	1,873	407,845	259,085	76,644	5392240	3,246,350		2,	2,937,641	1,457,491
SCHUYLER COUNTY	INTY											
s-5		166	170	41,608	389,660	25,632		1,216,226			- <sub>Ţ</sub> -	296,802
WABASH COUNTY	LY											
S-1	T	870	234		T-	1	-		C-15	2,	2,665,930	
WASHINGTON COUNTY	COUNTY											
8-4		245	232	-					C-5	 	1,492,400	
WHITE COUNTY												
S-2	19,502	218	197	10,500	253,000				-Ţ-	 	690,901	
									-			

				Disposition of	Disposition of Output - Tons		
Number Name of Operator	Post Office   Address of   the Mine	۵	Tons Shipped Via Railroad	Tons Shipped Via Barge	1985 Tons Shipped Tons Shipped Via Rail/Bargel Production Via Railroad Via Barge Combination	Tons Shipped Via Truck	Tons Shipped   Tons Sold To Via Truck   Local Trade
WILLIAMSON COUNTY							
L-280 Ace Diggin, Inc. Ace Mine S-4 Amax Coal Co., Delta S-99 Freeman United Coal Mng. Co. Prient #4 L-259 Williamson Coal Co., #2	Carterville   Marion   Pittsburg   Cambria	45,581 2,392,141 1,092,821 242,978 3,773,521	1,318,489 858,433 2,176,922		406,400	45,581 706,111 122,400 242,978 1,117,070	7,950
Total All Mines		60,477,256	60,477,256  44,016,187   2,266,532	2,266,532	6,600,707	5,156,849	2,543,666

Note: Mine totals may reflect 1984 coal production shipped in 1985. \*2,518,707 tons shipped via belt.

					Explosives Used for Blasting Coal	Ised for B	lasting Co	lai	Number of	jo .		
Mine Index Number	Tons Used At Mine or Stockpiled	Total	Days of Active Operation	Tons Used Days of Blasting Water Gel/  Dynamite/  Permiss At Mine or Total Active Gaps or Slurry Primers   ibles Stockpiled Employees Operation Detonators Pounds Pounds Pounds	Water Gel/  Slurry   Pounds	Dynamite/  Permis Primers   ibles pounds   Pounds	Permiss- ibles Pounds	AN/FO Pounds	Mining Mach- ines	Airdox	Tons Mined In Strip Airdox By Machine Mines	Tons Mined In Strip Mines
WILLIAMSON COUNTY	COUNTY											
L-280 S-4		350	152	100 45,803	100   45,803   8,832,216	66,034		46,250 15,984,202	TT	11	TT	45,581 2,392,141
S-99 L-259	11,229	367   49   766	234 336 949	3,700	8,832,216	66,034		599,900 16,630,352	C-7	111	1,092,821	242,978 2,680,700
	449,939	14,831	11,457	449,939 14,831 11,457 1,701,745 12,068,071 525,401 5691590	12,068,071	525,401	5691590	75,027,204		207	38,648,623	38,648,623 21,828,633
*Longwall Machines	achines											

Operators	Names of Railroads	Tons Shipped to Market
CHRISTIAN COUNTY Peabody Coal Company, #10	   Chicago & Illinois Midland	566
CLINTON COUNTY Monterey Coal Company, #2	Southern	3,000,995
DOUGLAS COUNTY Zeigler Coal Company, #5	Missouri Pacific	208,396
FRANKLIN COUNTY Old Ben Coal Co., #21  Old Ben Coal Co., #24  Old Ben Coal Co., #25 Old Ben Coal Co., #26  Total	Burlington Northern   Missouri Pacific   Illinois Central Gulf   Burlington Northern   Illinois Central Gulf   Illinois Central Gulf   Burlington Northern   Missouri Pacific   Illinois Central Gulf	54,775 582,050 713,395 77,188 1,165,394 2,383,008 380,629 285,842 1,587,865 7,230,146
FULTON COUNTY Midland Coal Co., Rapatee	Chicago Northwestern	108,462
HAMILTON COUNTY Inland Steel Coal Co., #2	Seaboard System	973,122
JACKSON COUNTY Consolidation Coal Co., BS #5	Missouri Pacific	2,648,913
JEFFERSON COUNTY Freeman United Coal Mining Co., #6 Inland Steel Coal Co., #1 Total	Illinois Central Gulf   Missouri Pacific   Illinois Central Gulf	149,408 1,154,578 2,120,508 3,424,494
MACOUPIN COUNTY  Freeman United Coal Mining Co., Crown II Freeman United Coal Mining Co., Crown III Monterey Coal Company, #1 Total	Burlington Northern   Illinois Central Gulf   Chicago Northwestern	1,002,171 500,640 1,600,501 3,103,312

Operators	Names of Railroads	Tons Shipped to
PERRY COUNTY	<del></del>	
Amax Coal Company, Leahy	Missouri Pacific	2,333,982
	Illinois Central Gulf	16,295
Consolidation Coal Co., BS #2	Missouri Pacific	1,617,707
Consolidation Coal Co., BS #4	Missouri Pacific	2,398,616
Freeman United Coal Mining Co., #11	Illinois Central Gulf	539,751
recondit onreca oder manning oos, ser	Missouri Pacific	221,910
Arch of IL, Inc., Captain	Illinois Central Gulf	1,694,200
Aten of 14, the., captain	Missouri Pacific	4,099,700
Total	III SOULT TACTILE	12,922,161
RANDOLPH COUNTY		+
Peabody Coal Co., Baldwin	PCCX	1,304,047
	KRPX	631,195
Peabody Coal Co., River King #6	PCCX	506,345
Zeigler Coal Co., #11	Missouri Pacific	1,112,384
Zeigler Coal Co., Spartan	Missouri Pacific	559,631
Total		4,113,602
		4,113,002
T. CLAIR COUNTY  Peabody Coal Co., River King U/G #1	Illinois Central Gulf	1,209,619
Peabody Coal Co., River King #3	Illinois Central Gulf	518,000
Total	IIIIIIOIS CENERAL GGIL	1,727,619
Total		1,727,019
SALINE COUNTY	Illinois Central Gulf	977,569
Kenellis Energies, Inc.	Illinois Central Gulf	
Kerr-McGee Coal Corporation	Illinois Central Gulf	1,190,884
Peabody Coal Co., Will Scarlet		240,686
Sahara Coal Co., #6	Illinois Central Gulf	210,435
	Norfolk-Southern	229,097
Sahara Coal Co., #7	Illinois Central Gulf	122,589
	Norfolk-Southern	133,209
Sahara Coal Co., #21	Illinois Central Gulf	221,709
	Norfolk-Southern	239,377
Sahara Coal Co., #22	Illinois Central Gulf	20,362
	Norfolk-Southern	21,371
Total		3,607,288
WABASH COUNTY		1 110 700
Amax Coal Company, Wabash	Norfolk-Southern	2,668,788
WASHINGTON COUNTY	1 +11' ' 0 - 1 0 10	1 521 500
Peabody Coal Co., Marissa	Illinois Central Gulf	1,531,500
WHITE COUNTY		(21.222
White County Coal, Pattiki	Seaboard	671,399
VILLIAMSON COUNTY		1 201 222
Amax Coal Company, Delta	Illinois Central Gulf	1,724,889
Freeman United Coal Mining Co., #4	Illinois Central Gulf	137,011
	Missouri Pacific	814,231
Total		2,676,131

## II PRODUCTION -- TABLE 12 -- SPECIAL PREPARATION PLANTS

	-		Tonnage
			Prepared
Name of Operator	Address	Type and Make of Installation	at Plant
Ace Diggin. Inc., Ace Mine #1	Carterville	McLanahan Portable Triple Roll	185 57
	Marion	McNally Pittsburg Jig Plant	2,392,141
Amax Coal Company, Leahy	Campbell Hill	McNally Pittsburg Jig Plant	2,390,605
Amax Coal Company, Wabash	Kennsburg	McNally Pittsburg Plant	876,67
Consolidation Coal Co., BS #2	DuQuoin	Jig Washing Plant	1,677,307
Consolidation Coal Co., BS #4	Cutler	Jig Washing Plant	2,332,999
Consolidation Coal Co., BS #5	De Soto	Heavy Media Plant	2,542,724
	DuQuoin		835,697
Freeman United Coal Mng., #4	Pittsburg	Roberts & Schafer Heavy Media Plant	1,092,821
Freeman United Coal Mng., #6	Waltonville	Roberts & Schafer Heavy Media Plant	1,291,240
Freeman United Coal Mng., Crown II	Virden	Roberts & Schafer Jig Plant	1,017,801
Freeman United Coal Mng., Crown III	Farmersville	Roberts & Schafer Jig Plant	006,009
Freeman United Coal Mng., Industry	Industry	Roberts & Schafer Jig Plant	532,127
A & F Coal Co., Arclar Mine	Harrisburg	Deister Table	210,610
Inland Steel Coal Company, #1	Sesser	Heavy Media Plant	2,279,815
Inland Steel Coal Company, #2	McLeansboro	Heavy Media Plant	1,043,032
Jader Fuel Co., Lovilia & #4	Shawneetown	Jig Washer Plant	220,729
Kenellis Energies, Inc.	Calatia	Jeffery Jig Plant	910,379
Kerr-McGee Coal Corp.	Harrisburg	Heavy Media-Froth Flotation Plant	1,215,813
Black Beauty Coal Co., Cedar Creek	Camden	Jig Washing Plant	296,802
Midland Coal Company, Rapatee	Farmington	McNally Preparation Plant	583,322
Monterey Coal Co., #1	Carlinville	Baum Jig Type Plant	1,949,837
Monterey Coal Co., \$2	Albers	Baum Jig Plant	3,027,065
000	Sesser	Mogul Jig & Heavy Media Plant	1,364,990
	Benton	Mogul Jig & Froth Flotation Plant	1,262,686
Coal Co.,	W. Frankfort	Mogul Jig & Froth Flotation Plant	2,383,465
Coal Co.,	Seaser	Baum Jig & Froth Flotation Plant	2,349,692
Coal Co.,	Pawnee	Baum Type Jig Plant	2,516,238
°°	Shawneetown	Jig Plant	1,132,357
°;	Stonefort	Link Belt-Baum Type Jig Plant	727,191
	Freeburg	McNally Pittsburg Plant	1,836,020
Peabody Coal Co., Randolph			
Prep Plant**	Marissa	Roberts & Schafer Plant	3,905,687
Sahara Coal Co., #6,7,20,21,22	Harrisburg	Central Washer Plant	1,283,392
Arch of Illinois, Captain	Percy	McNally Pittsburg Plant	5,902,300
Turris Coal Co., Elkhart	Elkhart	Jig Cyclone Plant	796,930
White County Coal Co., Pattiki	Carmi	Heavy Media Cyclone, Deduster Plant	690,901
Zeigler Coal Co., Murdock 6 #5	Murdock	McNally Pittsburg Plant	979,891
Zeigler Coal Co., Spartan & #11	Sparts	Jig Washing Plant	1,688,904

<sup>\*</sup>Prepared coal from the Peabody Coal Company, River King U/G #1 and River King Pit #3 Mines. \*\*Prepared coal from the Peabody Coal Company, Baldwin, Mariesa and River King Pit #6 Mines.

## II PRODUCTION -- TABLE 13 -- PHYSICAL AND MECHANICAL

20.00		Color Management Color Color Color		
Index No.	County, Name of Operator and Mine	Post Office Address of Mine	1985 Tonnage	Number of Seam
s-8	CHRISTIAN COUNTY Peabody Coal Co., #10	Pawnee	2,516,238	6
s-4	CLINTON COUNTY   Monterey Coal Co., #2	Albers	3,027,065	   6
S-1 S-3	DOUGLAS COUNTY  Zeigler Coal Co., Murdock  Zeigler Coal Co., #5	Murdock Murdock	166,052 813,839	   6   6
S-23 S-25 S-27 S-26	FRANKLIN COUNTY		1,364,990 1,262,686 2,383,465 2,349,692	   6   6   6
s-45	FULTON COUNTY   Midland Coal Co., Rapatee	Farmington	583,322	5
S-7 S-3 S-4 S-5	GALLATIN COUNTY  A & F Coal Co., Arclar Mine  Peabody Coal Co., Eagle \$2  Jader Fuel Co., Inc., Lovilia  Jader Fuel Co., Inc. \$4	Harrisburg Shawneetown Shawneetown Shawneetown	210,610   1,132,357   36,615   184,114	5
S-1	HAMILTON COUNTY Inland Steel Coal Co., #1	McLeansboro	1,043,032	5
s-9	JACKSON COUNTY Consolidation Coal Co., BS #5	DeSoto	     2,542,724	 
S-6 S-5	JEFFERSON COUNTY  Freeman United Coal Mining Co., #6  Inland Steel Coal Co., #1	Waltonville Sesser	1,291,240 2,279,815	6
S-1	LOGAN COUNTY Turris Coal Company	Elkhart	796,930	5
S-1	MCDONOUGH COUNTY Freeman United Coal Mng. Co., Industry	Industry	532,127	2
S-20   S-21   S-19	MACOUPIN COUNTY  Freeman United Coal Mng. Co., Crown III  Freeman United Coal Mng. Co., Crown III  Monterey Coal Co., #1			6 6 6

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CHARACTERISTICS OF ALL MINES -- 1985

	Shaft					
	Slope	Depth	Longwall		Total	Year
Seam	Drift	Surface	or pillar	]	Mine	Mine
Thickness	or Strip	to Seam	and room	Haulage	Production	Opened
7'4"	Slope	350'	P & R	Belt	149,997,996	1952
i	i					
7'8"	Slope	330'	P & R	Belt	17,149,891	1977
7' I	Slope	220'	P&R	Belt	16,174,248	1946
7' İ	Slope	210'	P & R	Belt	12,852,150	1973
į	0.000			2020	12,032,130	1,,,,
7'6"	Shaft	660'	Longwall/P & R	Belt	48,463,561	1960
7'6"	Shaft	650'	Longwall/P & R	Belt	34,135,075	1965
8'3"	Shaft	590'	Longwall/P & R		13,915,483	
8'6"	Shaft	650'	Longwall/P & R		29,192,225	1968
į				į		
3'6"	Strip	76'			4,866,901	1976
1				!		
4'8"	Drift	50'-140'	P & R	Belt	273,301	1984
5'6"	Slope	180'	P & R	Belt	11,698,347	1969
5'	Drift	150'	P & R	Belt	450,223	1981
5',2',4' ]	Strip	15'-120'			405,476	1981
6' 1	Shaft	929'	P & R	Belt	4,425,560	1979
8'6"	Strip	120'		i	20,362,021	1976
i 7' I	Shaft	792'	P&R	Belt	22,688,535	1968
9'	Shaft	733'	P&R	Belt	33,621,654	1966
	SURIC	/33	rak	Deit	33,021,034	1700
5'6"	Shaft	300'	P & R	Belt	2,255,189	1982
2'2"	Strip	54'			1,801,218	1982
6' i	Slope	330'	P & R	Belt	11,681,455	1976
6'	Slope	366'	P&R	Belt	1,105,116	1981
7'3"	Slope	300'	P&R	Belt	34,584,784	1970
	22000	- 30			, ,	

		Post Office		Number
Index		Address	1985	of
No.	County, Name of Operator and Mine	of Mine	Tonnage	Seam
	PERRY COUNTY	0 11 11111	2 200 605	5 & 6
s-35	Amax Coal Co., Leahy	Campbell Hill	2,390,603	) ) & 0
S-34	Arch of Illinois, Inc.	Percy	5,290,400	5 & 6
s-37	Captain Carter Coal Corp, Kathleen Mine	Cutler	611,900	6
s-33	Consolidation Coal Co., BS #2		1,677,307	6
s-36	Consolidation Coal Co., BS #4	Cutler	2,332,999	5,6&7
S-14	Freeman United Coal Mining Co., #11	DuQuoin	835,419	6
i	RANDOLPH COUNTY			i
s-20	Peabody Coal Co., Baldwin	Marissa	1,906,942	6
S-23	Peabody Coal Co., River King #6	Marissa	506,345	5 & 6
S-22	Zeigler Coal Co., #11	Coulterville		6
S-17	Zeigler Coal Co., Spartan	Sparta	565,284	6 
	ST. CLAIR COUNTY			
S-94	Peabody Coal Co., River King #3	New Athena	518,000	6
S-97	Peabody Coal Co., River King U/G #1	Freeburg	1,318,020	6 
	SALINE COUNTY			
L-134		Harrisburg	216,251	
L-131	J.J. Track Mining Co., Brown Bros. #2	Harrisburg 	4,779	Davis   Dekove
L-131	J.J. Track Mining Co., Brown Bros. #3	Harrisburg	37,327	Davis   Dekover
s-60	Kenellis Energies, Inc., Brushy Creek	Galatia	910,379	6
s-100		Stonefort	727,191	Davis Dekove
S-1	Sahara Coal Company, #6	Harrisburg	471,943	
S-40	Sahara Coal Company, #7	Harrisburg	274,340	
s-57	Sahara Coal Company, #21	Harrisburg	493,096	
s-59	Sahara Coal Company, #22	Harrisburg	44,013	
S-61	Kerr-McGee Coal Corp., Galatia Mine	Galatia	1,215,813	5 & 6
	SCHUYLER COUNTY	İ		i
s-5	Black Beauty Coal Co., Cedar Creek	Camden	296,802	2
	WABASH COUNTY	į		
S-1	Amax Coal Co., Wabash	Keensburg	2,665,930	5
	WASHINGTON COUNTY			i
S-4	Peabody Coal Co., Marissa	Marissa	1,492,400	6
	WHITE COUNTY		j	į .
S-2	White County Coal Corp., Pattiki	Carmi	690,901	1 6
	WILLIAMSON COUNTY			
L-280	Ace Diggin, Inc., Ace Mine	Carterville	45,581	6
S-4	Amax Coal Co., Delta	Marion	2,392,141	6 & 7
S-99	Freeman United Coal Mining Co., #4	Pittsburg	1,092,821	6
L-259	Williamson Coal Co., #2	Energy	242,978	5

	Shaft					- X D W WAR - X A -
	Slope	Depth	Longwall	!!!	Total	Year
Seam	Drift	Surface	or pillar	!!	Mine	Mine
Thickness	or Strip	to Seam   	and room	Haulage   	Production	Opened
4'6"&5'6"	Strip	64' & 35'			36,292,927	1971
3'6"&5'6"		98' & 70'		j j	,,	
1	Strip				89,157,158	1964
6'2"	Drift	113'	P & R	Belt	615,977	1984
6'	Strip	92'			49,405,121	1950
3',6'&1'6"	Strip	80',70'30'			27,913,998	1973
6'2"	Strip	80'   		 	73,888,321	1929
6'6"	01	1 1261	P & R	   Belt	22 240 045	1972
	Slope	124'	Pak	l perr l	22,360,965	
4'2"& 6'5"	Strip	78' & 58'			19,965,645	
	Slope	210'	P & R	Belt	6,382,044	1975
6'6"	Slope	200'   	P & R	Belt   	21,292,592	1951
7'	Strip	   36'		]	15,886,954	1961
6'6"	Slope	135'	P & R	Belt	23,934,808	1970
1		į i			,	
4'	Strip	48'			1,719,562	1978
4' & 3'	Strip	60'			647,398	1974
4' & 3'	Strip	l 60'		! !	37,327	1985
5'7"	Slope	220'	P & R	Belt	5,992,415	1979
,	Diope	1		i bere i	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
4' & 3'	Strip	85' & 65'		i i	23,950,179	1953
4'6"	Strip	50'-115'			33,034,922	1936
4'6"	Slope	180'	P & R	Belt	653,027	1982
4'4"	Slope	210'	P & R	Belt	7,572,768	1971
4'10"	Drift	60'-100'	P & R	Belt	422,549	1979
7' & 5'6"	Slope	460'& 560'	P & R	Belt	2,226,438	1983
21511	a	   50'		į į	296,802	1985
2'5"	Strip	30		,	290,002	1905
7'	Slope	   800'	P & R	   Belt	22,580,644	   1973
!		1		]		
6'5"	Slope	150'	P & R	Motor	6,405,851	1979
					-1	
5'5"	Shaft	1006' . 	P&R	Belt	948,075 	1983 
8'	Strip	   46'-70'			97,781	   1984
5'4"&1'10"	Strip	104' & 43'			44,809,358	1946
5'6"	Slope	275'	P & R	Belt	35,077,182	1952
3'6"	Strip	50'			698,372	1983
	DELLE	,		i	.,,,,,,	

II PRODUCTION -- TABLE 14 TOTAL PRODUCTION OF COAL IN TONS BY COUNTIES, 1882-1985

	T	Total			Total	
	1985	Production		1985	Production	
County	Production	To Date	County	Production	To Date	
Adams		341,914	Menard		13,462,005	
Bond		7,355,569	Mercer		15,519,862	
Brown		74,068	Monroe		8,284 141,352,187	
Bureau		53,823,005	Montgomery		190,787	
Calhoun	1	96,247	Morgan		2,032,236	
Cass		212,477	Moultrie		96,718,740	
Chriatian	2,516,238	340,831,943	Peoria	10 100 000	421,310,263	
Clark		4,482	Perry	13,138,903	5,081	
Clay		801	Pike		36,266	
Clinton	3,027,065	55,806,216	Pope		10,071,893	
Coles	1	198,932	Putnam	/ 102 101	198,898,412	
Crawford		45,400	Randolph	4,102,191	150,050,412	
Douglas	979,891	39,026,398	Richland		3,846,169	
Edgar	1	915,698	Rock Island	1 026 020	362,567,240	
Effingham		796	St. Clair	1,836,020	275,181,137	
Franklin	7,360,833	648,690,763	Saline	4,395,132		
Fulton	583,322	313,423,042		n   233,449 r   296,802   8,044   612   4,119	8,044,493	
Gallatin	1,563,696	36,446,296   693,191	Sangamon   Schuyler   Scott		296,802	612,476
Greene					4,119,763	
Grundy	1	40,872,430	Shelby		9,569,336	
Hamilton	1,043,032	4,447,657	Stark		17,633,802	
Hancock		771,281	Tazewell		165,378,43	
Hardin	1	40	Vermilion	2,665,930	24,665,930	
Henry	1	22,910,053	Wabash	2,000,930	685,46	
Jackson	2,542,724	118,131,098	Warren	1 400 400	24,571,23	
Jasper	1	23,739	Washington	1,492,400 690,901	2,624,81	
Jefferson	3,571,055	138,726,499	White	3,773,521	448,439,80	
Jersey		120,350	Williamson	3,773,321	7,810,16	
Johnson		314,325	Woodford		37,553,73	
Kankakee		19,192,105	Will		57,550,11	
Knox		65,896,605				
LaSalle		65,547,638	!		i	
Livingston	!	10,111,437	1	į	i	
Logan	796,930	16,788,565			i	
Macon		11,000,468			i	
Macoupin	3,568,538	313,356,045	!		i	
McDonough	532,127	4,436,121		i	i	
McLean	!	5,544,139			i	
Madison		164,295,772		i	i	
Marion		39,247,722		i	1	
Marshall	!	12,516,141			i .	
			Prod. 1985	(	0,477,256	
	i		Total 1882-	19855,07	5,933,742	
			Fet. Prod.	1833-1881	3,386,123	
			Total Prod.	1833-19855,14	9,319,865	

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II PRODUCTION - TABLE 15
SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING,
MANNER OF WORK, AND TONS PRODUCED FROM EACH SEAM

	Total Tons Produced	828,929	22,806	769, 297	12,468,017	45,854,369	457,638
<b>x</b>	Strip	2	-	٣	7	13	2
Manner of Work	Long- Wall	1	1	1	!	17	1
Manne	Pillar 8 Room		1	1	œ	25	1
	Strip	2	-	m	7	13	7
ening	Slope		!	1	17	16	1
Kind of Opening	Drift		!	1	2	7	1
Σ	Shaft	1	;	1	2	7	!
of	Mines	2	-	e	15	38	7
Number of	Coun- ties	2	-	-	6	15	2
No.	Seam	Colchester #2	Briar Hill #5A	Davis-Dekovan	Springfield #5	Herrin #6	Danville #7

III Labor and Employment

III LABOR AND EMPLOYMENT -- TABLE 16 -- NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS -- 1985

			Days Dannen re	Days lost by men returned	Loss o less t	Loss of 3 days but less than 30 days	s but days	Loss	Loss of 30 days or more	lays	Month	Month in which accident occurred
						Days	Days lost		Da	Days		
Name of Operators	Number   Injured	Number   N	Total	Average	Number Injured	Total	Average	Number Injured	Total	Average	Month	Number Injured
CHRISTIAN COUNTY Pesbody Coal Co., #10	73	14	1,534	26	42	476	=	17	1,058	62	January February March Mapril May June July August September October	3 11 11 11 6 6 6 6 7
											November	7 7
Total	73	14	1,534	28	42	476	=	17	1,058	62		73
Monterey Goal Go., #2	38	0	959	25	2 8	419	15	10	540	42	January February March April May July August September October November	
Total	38	0	656	25	28	419	15	10	240	54		38

			men recurred	7	דבפה רוומוו זה תשאפ	200	days		or more		מככזה בייר	accident occurred
						Days	Days lost		0	Days		
Name of Operators	Number Injured	Number not Returned	Total	Average	Number In jured	Total	Average	Number   Num	Total	Average	Month	Number Injured
•	, _			,	•		,					,
DOUGLAS COUNTY		-	36.71	7.3		22		٧	37.5		Tonne	-
Zeigler Coal Co. Mirdock		0	001	200	- 7	102	2 2		30	90	February	٠, د
reigiei coai co., idiacoca	`	•	-	7	•	5 -		4			February Menny	۷ (
							_				Anri 1	<b>-</b>
	_								_		May	٠,
	_			_		_			_		June	٠.
	_		_			_			_		71.10	
	_										Anguer	o c
						-	_					
											September	<b>-</b>
			_								October	0
	_		_						_		November	-
											December	1
Total	10	0	476	84	2	92	18	2	384	77		10
FRANKLIN COUNTY	:	-	200	1			:	;		1		
Old ben coal co., #21	70	٠,	470,2	67	2	24.2	77	10	1,17		January	ю
Coal	28	0	1,292	22	77	530	12	14	762		February	16
Old Ben Coal Co., #25	76	7	2,736	29	79	862	13	59	1,874		March	23
Coal	104	0	2,753	76	75	800		29	1,953	49	April	32
	- *	0	214	24	-	9	9	3	212		May	36
Old Ben Coal Co., Central Shop	9	0	316	53	7	23	7	7	293	146	June	39
	_		_	_	_	_	_		_		July	22
	_		_	_	_	_			_		August	04
	_		_	_	_	_	_		_		September	
	_		_		_	_			_		October	
	_		_		_	_	_		_		November	14
											December	19
Total	348	2	9,635	28	238	2,766	12	108	6,873	99		348

			Days 1 men re	Days lost by men returned	Loss of 3 days but less than 30 days	3 day	s but	Loss	Loss of 30 days or more	days	Month i	Month in which accident occurred
						Day	Days lost		٩	Days		
Name of Operators	Number	Number not Returned	Total	Average	Number   Number   Number   Number   Number   Number   Number   Returned Total Average   Month   Note   Total	Average	Number In jured	Total	Average	Month	Number Injured	
FULTON COUNTY											January	2
Midland Coal Co., Rapatee	· · · · ·	2	82	13	4	17	4	2	65	32	February	- 0
											April	> ~
			· –	_		_	_				May	0
											June	- 0
											August	0
	-		· <del>-</del>	_		_					September	
	_		_	_	<del>-</del>	_	_				October	0
											November	0 °
											nec emper	,
Total	8	2	82	13	4	17	4	2	65	32		œ
GALLATIN COUNTY A & F Cos   Co. Arclar Mine	4	0	41	01	4	-14	01	0	0		January	е
Jader Fuel Inc., #4	4	0	09	15	4	9	15	0	0	0	February	6
Peabody Coal Co., Eagle #2	82	0	2,357	30	47	649	14	31	1,708		March	12
	_		_		_	_					April	2
											May	13
											June	4,0
											Anonst	<b>7</b> °
	_		-								September	
	_		_		_		_				October	7
											November	4 4
											nec emper	•
Total	06	4	2,458	29	55	750	14	31	1,708	55		06

			men re	men returned	less t	less than 30 days	days		or more	ay .	accident occurred	occurre
						Day	Days lost			Days		
Name of Operators	Number   Injured	Number   Number   Number   Number   Number   Returned Total Average   Injured Total Average   Month	Total	Average	Number Injured	Total	Average	  Number  Injured 	Total	Average	Month	Number In jured
HAMILION COUNTY Inland Steel Coal Co., #2	8	E	66	20	4		15	_	104	07	January	0
	_		_			_		_	_		February	0
			_						_		March	-
											April	0 (
											May	، ٥
											July	7
	_		_						_		August	0
	_	_	_			_		_	_	_	September	2
	_	_	_	_		_		_	_		October	-
	_	_	_			_		_			November	0
											December	1
Total	8	3	- 66	20	7	59	15	-	07	07		∞
JACKSON COUNTY Consolidation Coal Co. BS #5	4		301	100	1				301	100	January	0
	-		-			_		_	_		February	
	_	_	_			_		_	_		March	0
	_	_	_			_		_	_		April	0
	_	_	_			_		_	_		May	0
	_	_	_			_		_	_		June	e
	_	_	_			_		_	_		July	0
	_	_	_			_		_	_		August	0
	_	_	_			_		_	_		September	
	_	_	_			_		_	_		October	0
	_	_	-			_		_	_		November	0
											December	0
Total	4	I	301	100	-			3	301	100		4

			_		_	200	6699	•	or more		accident occurred	occurred
	1					Days	Days lost		Da	Days		
Name of Operators	Number Injured	Number not Returned	1 Total	Average	Number not Number Number Number Injured Returned Total Average Month	Total	Average	Number Injured	Total	Average	Month	Number Injured
JEFFERSON COUNTY												
					,		2.	9	2 6001		January	<b>†</b> :
Freeman United Coal Mining, #6		ہ د	14,155	847	~ ~	84	17	0 2	374	7,2	March	7 7
Intand Steel Cost Co., Ti		>			>	5		,	- -		Anril	=
	-								_		Mav	15
			_			_					June	=
	_		_		_	_			_		July	10
						_					August	œ ·
	_		_								September	
	_		_		_				_		October	12
	_		_		_	_			_		November	œ
											December	-
Total	104	9	4,613	47	43	639	15	55	3,974	72		104
LOGAN COUNTY												
Turris Coal Co., Elkhart	17	0	393	23	12	104	6	2	289	28	January	0
	_		_		_	_			_		February	-
	_		_			_			_		March	0
	_		_		_	_			_		April	3
						_			_		May	7
	_		_		_	_			_		June	0
						_					July	
	_					_					August	4
	_								_		September	m .
						_					October	
	_		_			_			_		November	0
											December	2
Total	17	0	393	23	12	104	6	2	289	58		17

			Days 1 men re	Days lost by men returned	Loss o less t	Loss of 3 days but less than 30 days	s but	Loss	Loss of 30 days or more	lays	Month accident	Month in which accident occurred
						Days	Days lost		<u> </u>	Days		
Name of Operators	Number     Injured	Number   Num	Total	Average	Number Injured	Total	Average	Number Injured	Total	Average	Month	Number Injured
McDONOUGH COUNTY Freeman United Coal Mng., Industry		1	т	'	'		-				January February March	000
											April May June	000
											July August September October	
											November   December	0 1
Total		-	T	,						ŀ		-
MACGUPIN COUNTY Freeman United Coal Mng., Crown II Monterey Coal Co., #1 Freeman United Coal Mng., Crown III	42 27 14	m <b>o</b> o	1,714	77 74 74 74	20 19 7	275  309  78	14 16 10	19 8 7	1,439	76 444 77	January February February March April May June June September	2 8 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Total	83	3	2,995	37	95	662	14	34	2,333	69	83	4

			Days lost by men returned	Days lost by men returned	Loss	Loss of 3 days but less than 30 days	days	8807	_oss of 30 days	n A	accident	Month in which accident occurred
						Days	Days lost		Da	Days		
Name of Operators	Number   Injured	Number   N	Total	Average	Number Injured	Total	Average	Number   Injured	Total	Average	Month	Number Injured
SCHUYLER COUNTY Black Beauty Coal Co., Cedar Creek	7	3	38	6	4	38	6	'	-		January	0
											February	0 0
											April	00
											May   June	7 7
											July	2 -
											August	- C
	_								-		October	
		_	_					_	_		November	0
											December	
Total	_	3	38	6	7	38	6		-	1		7
Americal Colors			1 9%1	12	-		ı	,	133	3	Toniory	~
Arch of Illinois Inc. Contain		> <	0 3 3	6	, ,	33.1		η α	603	7.5	Fohrusty	
Carter Coal Corp., Kathleen	3 9	7 7	164	21	3 9	747	12	2	6	45	March	
Consolidation Coal Co., BS #2	3	0	35	12	e	35		•	_	,	April	4
Consolidation Coal Co., BS #4		0	338	31	∞	73		m	265	88	May	٣
Freeman United Coal Mng., #11	12	0	179	15	10	91		7	88	77	June	7
	_	_	_			_			_		July	11
	_	_	_						_		August	œ
	_	_	_			_			_		September	_
	_	_	_		_	_			_		October	3
	_	_	_			_			_		November	2
											December	4
Total	75	9	1,795	26	51	617	12	18	1,178	65		75
			1									

			Days	Days lost by	Loss	Loss of 3 days but	rs but	Loss	Loss of 30 days	lays	Month in which	which
				מרתו וופת	0004	2	2					
						Days	Days lost		Ď	Days		
Name of Operators	Number Injured	Number not Number Number Number Returned Total Average Month	Total	Average	Number	Total	Average	Number	Total	Average	Month	Number In jured
RANDOLPH COUNTY Peshody Coal Co. Baldwin	77	0	796	1	37	452	12	7	344	67	January	3
Pashody Coal Co. River King #6	7	0	36		7	36		-	Т	,	February	4
Coal Co.		0	53		-	<u>∞</u>		-	45		March	-
Zeigler Coal Co., #11	13	-	403	34	2	51	_	7	352	20	April	4
Zeigler Coal Co., Spartan	- 5	0	222		2	18	6	e e	204		May	10
	_	_			_	_		_	_		June	7
	_		_			_					July	5
	_					_					August	7
	_	_	_			_		_			September	4
	_		_			_		_			October	13
	_	_	_			_		_			November	2
											December	en
Total	99	-	1,310	20	47	592	12	18	945	53		99
ST. CLAIR COUNTY											January	,
	:	,	000						1002		Dalitary	10
Peabody Coal Co., River King U/G #1	41	•	180	7.7	5 5	7/7	1 0	 3-	900	7 5	February	o 4
Peabody Coal Co., River King Frep.	-	>	- 6		>		>		70		rate:	٠,
Plant											April	7 (
		_							_		May	0
	_					_		_			June	4
	_		_		_	_		_	_		July	0
		_	_		_	_		_	_		August	7
	_	_	_		_	_		_	_		September	9
	_	_	_		_	_		_			October	2
	_	_	_		_	_		_			November	3
											December	2
Total	42	9	841	23	25	172	Ξ	Ξ	570	52		42

			men returned	men returned	less t	less than 30 days	less than 30 days		or more	,	accident occurred	cident occurred
						Days	Days lost		De	Days		
Name of Operators	Number   Injured	Number not not a Number Number Number Number not Number not not not not not not not not not not	Total	Average	Number Injured	Total	Average	Number Injured	Total	Average	Month	Number In jured
SALINE COUNTY												
Equality Mining Co.	2	0	22		7	22		,	_		January	13
Kenellis Energies, Inc., Brushy Creek	26	10	379		21	124	12	9	255		February	9
Kerr-McGee Coal Corp., Galatia	=======================================	0	279		9	53		- 2	226		March	10
Peabody Coal Co., Will Scarlet	=	0	349		7	113		4	236		April	80
Sahara Coal Co., #6	7	0	264	38	4	42	11	ლ ლ	222	74	May	2
Sahara Coal Co., #7	13	0	428	33	_	82		9	343		June	7
Sahara Coal Co., #21	77	7	720	36	=	66		6	621		July	12
		_				_		_			August	6
	_	_				_			_		September	
			_			_		_	_		October	13
		_	_			_		_	_		November	9
		_	_								December	2
Total	76	14	2,441	31	47	538	Ξ	33	1,903	28		94
SCHUYLER COUNTY											January	
(See entry betote tetty county)	-								-			
	-	_									Month	
											March	
	_										April	
					_						May	
		_	_		_	_					June	
		_	_		_	_		_	_		July	
		_	_		_	_		_	_		August	
		_	_		_	_			_		September	
		_	_		_	_		_			October	
		_	_		_	_		_			November	
			_								December	
Total												
			1									-

			Days 1	Days lost by	Loss o	Loss of 3 days but less than 30 days	s but	Loss	Loss of 30 days or more	lays	Month in which accident occurred	Month in which cident occurred
						Days	Days lost		Ď	Days		
Name of Operators	Number   Injured	Number   Number   Number   Number   Number   Number   Number   Injured   Total   Average   Month	Total	Average	Number   Injured	Total	Average	Number	Total	Average	Month	Number In jured
WABASH COUNTY Amax Coal Co., Wabash	28	80	1,245	25	33	403	12	17	842	50	January February	6.4
											March April May	2 9 7
											June July August	
											September October November December	3 2 6 6
Total	28	8	1,245	25	33	403	12	17	842	90		58
WASHINGTON COUNTY Peabody Coal Co., Marissa	71	И	4 33	29	σ.	161	81	ø	272	4 5	January February March April April June July August August Cottober November	
Total	17	2	433	29	6	161	18	9	272	45	<b>December</b>	3

Name of Operators WHITE COUNTY			men re	men returned	less th	less than 30 dyas	less than 30 dyas	0	or more	9	accident	Month in which accident occurred
Name of Operators			_			Days	Days lost		Ď	Days		
HITE COUNTY	Number Injured	Number not Returned	Total /	lverage	Number   Number   Number   Number   Number   Number   Injured   Returned   Total   Average   Month	Total	Average	Number Injured	Total	Average	Month	Number Injured
White County Coal, Pattiki	9	0	314	52	2	26	13	4	288	72	January	10
											March   April	10
											May	0 7 0
											July	
											September	0 -
											November	00
			-		_	-			_			,
Total	9	0	314	52	2	26	13	7	288	72		9
WILLIAMSON COUNTY Amax Coal Co. Delta		-	553	92	-	12	12	9	541		January	11
Freeman United Coal Mng., #4	67	٣	1,447	31	27	377	14	19	1,070	99	February	00
Williamson Coal Co., #2	7	0	28	15	4	28	15	1	т	ı	March	4
											April	m ×
											June	1 4
			-			-			_		July	· m
	_		_		_	_			_		August	2
	_		_		_	_			_		September	
	_										October	· ·
											December	o m
Total	61	4	2,058	36	32	447	14	25	1,611	99		61

III LABOR -- EMPLOYMENT -- TABLE 17
COMPARATIVE STATISTICS OF FATAL AND NON-FATAL ACCIDENTS FOR THE PERIOD 1928 TO 1985
INCLUSIVE, NON-FATAL ACCIDENTS OF 3 DAYS OR MORE LOST TIME

	Ac	cidents	Tons mined	to one	Employe	es to one -
Year	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal
1928	139	5,785	404,396	9,392	4,717	11
929	109	6,621	560,805	9,232	538	9
930	112	5,106	482,456	10,580	500	11
931	90	3,800	501,696	11,854	595	14
932	114	2,643	299,205	12,884	552	19
933	71	3,018	539,720	12,697	683	16
934	86	3,133	485,164	13,318	576	16
935	82	3,147	548,942	14,304	599	16
936	93	3,165	553,504	16,263	528	16
937	83	2,887	655,810	18,854	561	16
938	84	2,240	504,612	18,923	516	19
939	80	1,887	595,343	25,240	511	22
940	83	2,091	624,603	20,020	447	18
941	92	2,096	601,801	26,414	406	18
942	94	2,546	710,066	25,784	319	14
943	97	3,017	756,131	24,317	339	11
944	87	3,578	889,655	21,632	369	9
945	75	3,350	979,292	21,924	414	9
946	61	2,908	1,045,362	20,552	532	11
948	68	2,270	973,041	29,148	484	14
949	38	1,658	1,253,431	28,727	827	19
950	45	1,629	1,272,940	35,164	690	19
951	154	1,494	356,297	36,727	190	20
952	31	1,122	1,475,890	40,778	768	21
953	28	920	1,641,647	49,963	677	21
954	23	736	1,816,337	57,622	725	23
955	18	651	2,539,531	70,217	757	
956	20	665	2,390,202	71,886	647	19
957	21	542	2,222,995	86,131	609	24
958	9	449	4,864,125	97,499	1,265	25
959	10	475	4,537,463	95,525	1,089	23
960	10	385	4,582,063	119,015	1,053	27
961	7	368	6,447,503	122,643	1,278	24
962	20	418	2,417,696	115,679	439	21
963	16	445	3,227,652	116,050	556	20
964	91	435	6,092,720	26,056	1,009	21
965	13	468	4,479,421	124,439	676	19
966	9	474	7,023,633	133,360	999	19
967	20	524	3,240,739	23,692	440	17
968	15	494	4,142,872	125,796	636	19
969	12	521	5,402,715	124,439	799	18
970	15	618	4,325,607	104,990	681	17
971	15	535	3,894,349	109,187	704	20
972	111	607	5,956,490	107,943	1,022	19
973	6	488	10,258,111	126,124	1,902	23
974	12	465	4,839,387	124,887	1.039	27
975	8	577	7,422,377	103,187	1,706	24
976	3	721	19,378,715	80,633	4,911	21
977	4	1,030	13,470,109	52,311	4,029	16
978	6	1,070	8,124,025	45,555	2,977	17
979	6	1,730	9,923,021	34,415	3,083	11
980	14	1,626	4,467,316	38,464	1,306	11
981	0	1,389	51,798,653	37,292	18,148	13
982	7	1,577	8,775,453	38,953	2,126	9
983	4	1,214	14,593,395	48,084	3,690	12
984	4	1,115	16,332,298	58,555	3,700	13
985	2	1,210	30,238,628	49,981	7,415	12
703	1 4 1	1,210	30,230,628	47,701	1 7,41)	1.2

TABLE 18 -- TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED AND PER 1,000,000 TONS MINED -- 1882-1985, INCLUDING INJURIES INVOLVING LOSS OF 3 DAYS OR MORE

Der 1 000 000	tons mined	Fatal Non-fatal	-		4.6   19.5	_	5.6   18.5	4.0   17.5	4.7   15.1	3,6   17,3	4.2   23.4	3.9   23.4	3.2   20.7	3.5   20.2	4.2   30.4	4.2   34.1	_	_	4.0   23.5	_	_	_	_	_	_	5.4   14.4			_	
Dor 1 000	employed	fatal	-	_	_	_	9.9	6.7	6.1	6.7	10.3	11.11	11.0	11.4	13.5	15.7	18.1	15.3	12.5	16.2	15.5	9.6	8.8	8.2	9.3	0.6	7.7	9.5	11.6	
Day	ешь	Fatal	2.0	5.6	1.8	1.5	2.0	1.5	1.9	1.4	1.9	1.9	1.7	1.9	1.9	1.9	2.1	2.0	2.1	2.3	2.4	2.2	2.2	3.1	2.9	3.4	2.5	2.5	2.6	
o4 pe	lan co	Injured	182,313	45,493	51,274	66,611	54,073	57,105	66,230	57,701	42,988	42,672	48,276	49,502	32,848	29,315	29,444	38,750	45,464	39,254	41,168	63,235	73,944	85,257	73,132	69,502	79,828	75,155	60,162	
Tone mined to	one man	Killed	227.892	78,424	219,587	251,074	177,816	250,905	215,549	276,142	238,460	261,012	313,373	289,124	237,690	236,478	256,969	290,909	247,991	278,981	267,559	269,549	303,245	224,073	236,165	185,852	247,210	289,689	269,248	
	Accidents	Non-fatal	50	231	197	147	171	180	179	201	294	367	370	403	521	909	672	518	438	597	611	422	706	410	207	535	480	636	819	
	Acci	Fatal	07	134	94	39	52	41	55	42	53	09	57	69	72	75	177	69	75	84	94	- 66	1 66	156	157	199	155	165	183	
Marshor	Employed		20.290	23,939	25,575	25,946	25,846	26,804	29,410	30,076	28,574	32,951	33,632	35,390	38,477	38,630	37,032	33,788	35,026	36,901	39,384	44,143	46,003	49,814	54,774	59,230	62,283	66,714	70,841	
	Tons mined		9.115.661	10.508.785	10,101,004	9,791,874	9,246,435	10,278,890	11,855,188	11,597,963	12,638,364	15,660,698	17,862,276	19,949,564	17,113,576	17,735,864	19,786,626	20,072,758	18,599,299	23,434,445	25,153,929	26,635,319	30,021,300	34,955,400	37,077,897	37,183,374	38,317,581	47,798,621	49,272,436	
	Year	_	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	

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		Number			Tons mined	ned to	Pe	Per 1.000	Per 1	Per 1,000,000
Year	Tons Mined	Employed	Acc	Accidents	one	man	em	employed	tons	tons mined
			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
1911	50,165,099	77,410	157	709	319,523	70,755	2.0	9.2	3.1	14.2
1912	57,514,240	114,67	180	800	315,524	71,893	2.3	10.7	3.1	13.9
1913	61,846,204	16,497	175	1,025	353,407	60,338	2.2	12.9	2.8	16,2
1914	60,715,795	80,035	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6
1915	57,601,694	75,607	180	1,013	320,009	56,870	2.4	13.4	3.1	17.6
1916	63,673,530	75,919	165	1,305	385,900	48,792	2.2	17.2	2.6	20.5
1917	78,983,517	80,893	207	1,634	381,563	48,338	2.6	20.2	2.6	20.7
1918	697,626,68	91,372	259	2,161	347,411	41,638	2.8	23.7	2.9	24.0
1919	75,099,784	06,897	208	2,620	361,057	28,664	2.3	28.8	2.8	34.9
1920	73,920,653	88,192	181	3,571	408,401	20,700	2.5	40.5	2.4	48.3
1921	80,121,948	95,763	222	4,327	360,910	18,517	2.3	45.2	2.8	54.0
1922	63,276,827	060'86	159	3,879	397,962	16,315	1.6	39.5	2.5	61,3
1923	75,514,095	103,566	161	3,615	469,032	20,889	1.6	34.9	2.1	6.74
1924	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	53.9
1925+	103,186,166	81,684	183	4,712	563,859	21,713	2.4	57.7	1.8	0.94
1926	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	44.2
1927	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38.7
1929	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	39.1
1930	54,035,116	56,011	112	1,837	482,456	29,415	2.0	32.8	2.1	34.0
1931	45,152,623	53,550	06	1,530	501,696	29,512	1.7	28.6	2.0	33.9
1932	34,120,786	51,554	114	951	299,305	35,879	2.2	18.4	3,3	27.9
1933	38,320,125	797,87	71	1,197	539,720	32,013	1.5	24.7	1.9	31.2
1934	41,724,078	667,87	86	1,122	485,164	37,522	1.8	23.1	2.1	26.9
1935	35,013,278	49,100	82	1,225	548,907	36,743	1.7	24.9	1.8	27.2
1936	51,475,899	49,142	93	1,145	553,504	44,957	1.9	23.3	1.8	22.2
1937	54,432,255	46,580	82	1,023	631,714	51,253	1.8	22.0	1.5	18.8
1938	45,387,368	43,420	85	816	504,612	51,945	2.0	18.7	2.0	19.3
1939	47,627,454	40,909	80	837	595,343	56,903	2.0	20.5	1.7	17.6
1940	51,871,704	38,019	83	174	624,603	800, 79	2.2	20.4	1.6	15.0
1941	55,365,835	37,587	92	830	601,801	71,532	2.4	22.0	1.7	15.0
1942	65,746,204	36,041	96	983	710,066	66,883	7.6	27.3	1.4	15.0
1943	73,344,761	32,852	97	1,175	756,399	62,412	3.0	35.8	1.3	16.0
1944	77,400,031	32,019	87	1,285	889,655	60,233	2.7	40.1	1.1	16.6
1945	73,446,930	31,109	75	1,260	979,292	58,291	7.7	40.5	1.0	17.2
1946	63,767,082	32,476	61	1,001	1,045,362	63,703	1.9	30.8	1.0	15.7
1947	68,325,241	32,686	204	1,203	385,979	26,098	6.2	36.8	3.0	17.6
1948	66,166,805	32,924	89	1 962	973,041	83,124	2 ° 0	24.2	1.0	12.0
1949	47,630,380	31,434	38	295	1,253,431	84,301	1.2	18.0		11.9

TABLE 18 -- Continued:

		1			Tone mined to	and to	Per	Per 1.000	Per 1	Per 1,000,000
,	Tone Mined	Fmployed	Acc	Accidents	one man	nan	emi	employed	tons	tons mined
100			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
0901	57 282 303	31 067	45	557	1,272,940	102,841	1.4	18.0	80	6.1
1950	57, 860, 670	20 329	154	260	356,297	97,981	5.2	19.1	2.8	10.2
1931	75,000,00	23,527	31	441	1,475,890	103,747	1.3	18.5	.,	6.4
1052	45 966 114	18.945	28	399	1,641,647	115,203	1.5	21.1	9.	8.7
1933	1 775 752 1	16 665	23	323	1,816,337	129,337	1.4	19.4	.55	7.7
1934	761,611,12	13 623	000	266	2,539,531	171,848	1.3	19.5	.39	5.8
1932	000, 21, 04	12 936	20	284	2,390,202	168,324	1.5	22.0	.42	5.9
1930	46 682 889	12,781	21	217	2,222,995	215,129	1.6	17.0	.45	4.6
1058	43 777 130	11.386	6	197	4,864,125	222,219	8.0	17.3	.21	4.5
1050	45,374,626	10,897	10	194	4,537,463	233,890	6.0	17.8	.22	4.3
1960	45,820,632	10,533	01	1 167	4,582,063	274,375	6.0	15.8	.22	9 0
1961	45,132,526	8,945	7	158	6,447,503	285,649	80	17.7	c1:	٠,٠
1962	45,353,913	8,774	70	961	2,417,696	246,704	2,3	22.3	7.7	3, 4
1963	51,642,431	8,891	16	195	3,227,652	264,833	6.1	21.9	15.	200
1964	54.834,488	9,079	6	207	6,092,720	264,901	0.1	22.1	91.	י מ
1965	58,232,480	8,790	13	218	4,479,421	267,121	5:	24.8	.22	7.0
1966	63.212.697	8,994	6	214	7,023,633	295,386	0.1	23.8	41.	* * *
1967	64.814.771	8,805	20	216	3,240,739	300,068	2.3	24.5	15.	7,0
1968	62.143.076	9,538	15	219	4,142,872	283,758	1.6	23.0	• 7.	0.0
1969	64,832,584	95,91	12	229	5,402,715	283,112		24.1	61.	0.4
1970	64,884,103	1 10,214	15	272	4,325,607	238,544	5.1	20.0	57.	7.4.7
1971	58,415,239	1 10,571	15	236	3,894,349	247,522	7 .	24.3	71	7
1972	65,521,394	11,237	Ξ,	271	5,956,490	241,777	1 .0	18.6	10	3.4
1973	01,548,670	11,409	9	212	110,258,111	290,324	0.03	2	21	5.4
1974	58,072,640	12,467	12	262	4,839,387	100,122	0.00	18.0	13	4.1
1975	59,539,019	13,646	90 (	240	1/6,244,7/	242,029		0.64	0.05	12.4
1976	58,136,144	14,731	n <	1 030	113 470 109	52,311	0.25	63.9	.00	19.1
1977	33,880,434	170 21	* 4	1,030	8 124 025	45.555	0.34	59.9	1 .12	22.0
19/6	40,744,147	18 449	9	1,730	9,923,021	34,415	.32	93.5	01.	1 29.1
1000	62 54.2 417	18 284	14		4,467,316	38,464	94.	_	1 .22	26.0
1900	51 708 653	18 148			151,798,653	37,292	0.0	_	0.0	26.8
1087	61 428 170	14.950	7	1.577	8,775,453	1 38,953	1.47	105.5		25.7
1082	58 373 580	14 759	4	1.214	14,593,395	48,084	1 .27	82.3	.00	20.8
1084	165 289 191	14.803	4	1,115	16,322,298	58,555	1 .27	1 75.3	90°	17.1
1985	60,477,256	14,831	2	1,210	30,238,628	49,981	. 13	81.6	.03	20.0
Average					_	_				9 01
104 Years	48,694,361	39,496	78	954	1117,778	51,055	2.13	24.15	1.73	19.0

+July 1, 1924 to December 31, 1925.

## III LABOR AND EMPLOYMENT - TABLE 19 FATAL ACCIDENTS BY OCCUPATION AND CAUSES, 1985

		U	nde	rgro	und			ı	n Sh	aft		Oı	n Su	rfac	e		
Occupation	Fall of Roof & Slides	Machinery	Haulage	Electricity	Mine Fires	Other Causes	Total	Falling Down Shaft	Cage	Other Causes	Total	Explosives	Drowning	Other Causes	Total	Grand Total	
ner Operator of Bolter			1				1									1	
Total			2				2									2	

III LABOR AND EMPLOYMENT -- TABLE 20 CAUSES OF FATAL ACCIDENTS BY YEARS -- 1882-1985

	1			1																													
			Total			1	1	1	1	1	1	1	1	1		,	2	3	2	<u>د</u>	7	4	2	2	-	6	-	6	9	12	13	18	-
On Surface		Other	Causes	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	ł	7	1	1	2	2	~	1	1	2	2	ı	2	3	3
Ou St		Mach- Railway Other	Cars	,	-	,	-	1	1	1	,	-	1	,	-	,	_	_	-	_	_	2	-	1	1	2	-	7	4	∞	- 80	2	2
	-	Mach-	inery		-	-	1	-	-	1	_ '	-	1	1	-	-	-	-		_	-	2	-	-	1	9	-	3	-	- 4	<del>-</del>	3	1
		_	Total	,	'	,	1	2	1	9	7	4	7	12	- 8	13	10	-	7	9	6	7	2	6	- 8	14	12	15	14	7	10	6	6
ft		Other	Cage Causes	,	1	-	'	7	'	1	_	1	2	1	7	1	_	•	-	1	'	2	1	1	1	1		_	-	<del>-</del>		1	2
In Shaft			Cage	'	<u>-</u>	<u>-</u>	<u> </u>	<u>-</u>	•	7	7	7	7	7	7	- 80	7	2	1	2	- 5	7		2	9	7	9	- 2	- 80	<del>-</del>	7	9	2
	Falling	Down	Shaft		,	1	1	1	_	7	2	1	_	·	<u>-</u>	2	2	9	9	4	7	_	_	7	2	10	2	6	9	3	2	3	2
	r		Total	07	134	94	39	47	41	84	35	48	51	77	09	57	63	63	09	99	74	83	95	88	147	134	186	131	145	164	190	386	143
		Other	osives Causes Total	6	78	7	19	'	13	1	-	1	-	٣	2	-	2	2	-	7	9	1	3	_	2	3	3	-	7	_	-	258	7
				5	7	9	-	10	1	6	3	4	11	7	9	∞	12	- 6	==	=======================================	9	20	20	17	41	77	32	22	25	29	29	17	10
pu		Elec-	tricity	,	,	,	,	1	'	-	,	1	-	-	-	-	,	-	-	-	-	-	-	-	_	_	-	,	_	_	7	۳	-
Underground	-	_	Haulage		2	,	-	- 2	-	9	- 2	۳	7	9	2	9	9	6	-	3	9	-	14	15	18	21	-	22	76	35	30	23	70
Ω	-	Sas Ex-	plosions Haulage tricity	-	12	4	1	-	1	-	-	- 5	- 4	– د	2	-	- 2	2	7	7	2	1	-	- '	- 8	-	59	2	4	7	77	20	- 8
	Falls of	ヮ	Slides   p	26	1 07	29	20	32	28	33	26	36	33	28	48	43	38	41	97	43	51	51	57	55	177	65	80	84	84	91	84	65	80
			Killed S	07	134	94	39	52	41	24	42	52	28	26	- 89	70	75	17	69	75	84	- 76	66	66	156	157	199	155	165	183	213	706	157
		_	Year	1882	1883	1884	1885.	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898.	1899	1900.1	1901	1902	1903	1904	1905	1906.	1907	1908.	1906.	1910	1911

	1			,																																						
			Total	2	4	۳	œ —	2	18	7	1	<u>س</u>	7	7	9	7	7	<b>∞</b>	۳ –	2	9	2	2	6		∞	9	∞	7	10	4	7	e	14	10	3	6	<u>۳</u>		7	4	2
On Surface		Other	Causes	2	1	4	ı	ı	e	e	-	-	2	-	٣	1	2	-	1	٣	2	2	-	S	ı	5	4	9	2	2	2	4	ı	14	2	4	2	2	2	2	2	3
On St		Mach- Railway Other	Cars	2	2	7	2	9	6	7	2	2	4	2	4	7	3	_	2	7	7	2	-	7	-	-	-	,	1	7	_	7	_	1	3	1	2		7	-	2	1
	-	Mach- R	inery C	ı	•	1	-	7	- 2	-	-	-	_ _	-	-	2	3	_	7	-	2	-	-	-	,	۳	-	7	– ۳	_	_	-	7	1	7	3	-	-	7	2	-	-
-		_	Total	6	10	m	<u>-</u>	- 4	- 2	18	10	10	9	9	2	7	<u>-</u>	- 6	4	7	<del>-</del>		7	'	<u>ო</u>	1	3	1	1	_		-	-	1	2	_	<u>-</u>	2	1	3	1	-
ft		Other	Causes	-	_	'	7	1	-	7	7	'	,	3	_	7	1	_	-	,	-	-	1	•	-	-	-	-	1	-	-	1	1	,	-	_	_	-	-	-	1	-
In Shaft		_	Cage	3	7		1	<u>-</u>	7 -	 	7	2	4	- -	-	- -	7				2		7	, _	<u>-</u>	- -	<del>-</del>	<u> </u>	<u>,</u>	ī	1	_	ı	<u> </u>	- -	<del>-</del>	- -	- -	<u>-</u>	_ _	ī	<del>-</del>
	Falling	Down	Shaft	9	2	7	_	4	,	∞	4	∞	2	2	3	2	_	7	۳	1	-	1	,	,	33	ı	7	1	,	_	1	ı		1	1	,	2	2	1	7	1	1
-		Total	_	167	162	148	175	153	185	234	195	167	209	147	149	176	172	153	97	129	100	106	84	105	29	78	73	85	75	14	75	75	88	80	85	83	63	99	192	58	34	1 07
		Other	Causes	12	2	_	12	_	3	4	_	2	∞	7	9	- 8	6	7	80	2	2	2	2	7	2	2	15	16	6	9	m	6	7	6	3	_	1	7	-	2	4	7
		Expl- (	osives	13	10	9	6	13	12	20	12	6	20	17	13	10	=	7	2	9	9	2	7	4	<del>-</del>	7	3	7	,	2	-	_	∞	<del>-</del>	2	7	2	2	_	_	,	-
pu		Elec-	tricity	3	9	9	2	4	7	13	7	14	6	∞	9	2	12	2	2	7	2	<del>-</del>	9	-	۳	۰	۳	_	2	_	4	7	7	2	2	4	۳	-	7	-	1	2
Underground		_	age	38	20	40	27	43		70	51	41	- 75	76	- 07	37	94	39	18	21	24	20	15	10	12	18	17	12	17	16	20	17	13	19	27	19	15	16	18	14	,	11
ū	-	Gas Ex-	-6	3	10	9	- 89	12	19	27	31	7	9	15	2	1 07	- 2	13	17	23		4	2	54		1	1	-	2	2	-	-	11	,		1	<u> </u>	-	141	-	'	-
	Falls of	_		86	81 –	83	57	80	177	100	93	91	112	71	82	1 9/	89	85	- 55	72	52	72	24	33	45	- 84	 75 75	- 54	45	41	147	45	45	47	47	57	07	31	30	70	30	24
-	Total	T		180	175	159	180	165	207	259	208	181	222	159	161	184	183	165	106	139	109	112	- 06	114	71	86 1	82	93	83	85	80	83	95	- 76	97	87	75	61	707	89	38	45
-	L.,	Year		1912	1913	1914	1915	1916.	1917	1918.	1919.	1920	1921	1922	1923	1924	1925	1926.	1927	1928	1929	1930.	1931	1932	1933.	1934	1935.	1936	1937	1938.	1939	1940	1941	1945	1943	1944	1945	1946	1947	1948	1949.	1950

			ı																																		
		4 6		٠ ،		7	۳.	-	e	٣	e	9	2	3	7	2	9	4	6	7	00	7	7	2	3	m	2	,	-	m		2	0	-	٣	-	ı
On Surface		Other	Causes /	t <	2	2	1	_	_	<u>۳</u>	2	<del>-</del>	,	_	_	_	4	7	2	1	4	2	-	1	_	-	7	,	,	7	1	<del>ر</del>	,	~	2	-	1
Ou S		Railway Other	SIR	۷ -	· m	-	7	1	-	1	-	-	-	-	-	~	1	_	7	9	7	,	1	1	,	1	ı	,	1	'	~	ı	1	1	,	ı	1
	_	Mach			,	-	-	1	-	1	,	2	-	2	2	,	7	-	2	-	7	7	_	7	7	7	'	1	1	<u> </u>	-	7	1	1	_	,	,
	_	3			1	۳.	1	1	,	-	-	1	1	,	1	1	-	1	,	1	-	,	ı	~	1	1	'	,	1	,	1	1	0	-	ì	1	,
ıft		Other	causes	, ,	1	'	1	1	-	1	,	1	1	,	,	1	1	1	'	1	,	ŀ	,	-	1	1	1	,	-	,	'	-	1	,	,	,	•
In Shaft			Cage	1 1	1	,	1	1	1	-	1	1	,	ı	1	1	ī	1	1	,	1	1	1	1	1	1	1	1	1	-	-	1	1	1	,	ī	ī
	Falling	Down	7		,	~		_	_	_ ,	,	_	_	_	1	_	_	_	,	-	_	-	_	_	,	_		,	,	-	_	_	_	_	_	_	
		-		147	23	19	15	19	18	2	7	4	2	17	12	7	9	2	11	18	7	<del></del>	13	∞	<del>-</del>	6	9	<del>-</del>	3	<del>-</del>	7	6	0	2	_	3	7
	_	Other				. –		2	2	-	_	-	-	-	4	7	2	,	<del>-</del>	2	7	7	4	<u>ო</u>	_	4	-	-	-	,	-	4	-	,	,	_	'
	-		OBIVES		,	'	-	,	-	-	-	-	,	'	-	-	,	,	-	,	1	,	,	'	<u>'</u>	-	,	<u> </u>	-	-	-	'	-	1	,	-	
pı		Elec-	ricity			'		,	-	-	1	-	-	 '	-	-	'	-	۳	-	-	-	2	-	_	-	7	-	1	-	-	 '	-	-		'	1
Underground	_		8 G G	- ~		9	7	7	2	-	-	-	-	-	-	-	-	-		_ -	-	2	_ -	-	-	-	,	-	-	-	-	-	-	-	-	-	2
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	Falls of	Roof and	- -	15	19	-	00	10	14	- 4	9	2	— ღ	- 4	80	<del>-</del> ۳	4	- 2	4	- 5		<del>-</del>	9	2		7	4	_	2	2	— ٣	- 2	_ 	— ۳	-	2	1
		Number		31	286	23	- 81	20	21	6	10	10	7	20	16	- 6	13	9	70	15	12	15	15		9	12		<u>-</u>	7	9	9	14	-0	1 /	7	7	2
		Year	1001	1050	1953	1954	1955.	1956	1957	1958	1959	1960	1961	1967	1963	1964	1965	1966	1967	1968	1969.1	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985

III LABOR AND EMPLOYMENT -- TABLE 21 -- COMPARATIVE STATISTICS OF FATAL ACCIDENTS FOR THE PERIOD 1976 TO 1965 INCLUSIVE AND TONS MINED TO ONE MAN KILLED

Year	Patals	Tons mined	Tons mined to one man killed	Year	Fatals	Tons mined	Tons mined to one man killed
			2.5	.001		51 709 653	51 708 653
1976	<u>س</u>	58,136,144	19,3/8,/15	1381	>	660,061,16	•
7.00	7	1 53 880 434	13,470,109	1982	7	61,428,170	8,775,453
		071 772 07			7	58.373.580	14.593.395
19/8	-	C+T'++/'O+				101	
0.00	9	1 59.538.127		1984	7	161,289,191	
080	7	62 542 417	4,467,316	1985	2	60,477,256	30,238,628
							_
Totals.	33	282,841,271	8,570,948   Totals.	Totals.	17	297,366,850   17,492,168	17,492,168

III LABOR AND EMPLOYMENT -- TABLE 22 -- FATAL ACCIDENTS -- 1985

CAUSE OF DEATH	Haulage	Haulage	76	;					
OCCUPATION	Miner Operator	Roof Bolter							
NAME OF OPERATOR AND NUMBER OR LETTER OF MINE	Old Ben Coal Co., #24	Zeigler Coal Co., #11							
Dependents	7	4				 			
Children	-	m				 	 _	 	
WobiW					 	 	 	 	
Single					 	 	 	 	
Married	×	×			 	 			
y3e	33	38							
RESIDENCE	Marlon	Sparts							
NAME	William Dorris	Apr. 9 Apr. 17 Olin W. Boston	,						
DATE OF DEATH	Jan. 23	Apr. 17							
OATE OF INJURY	Jan. 23	Apr. 9							
COUNTY	Franklin	Randolph							

#### SUMMARY OF FATAL ACCIDENTS 1985

Mr. William Dorris, miner operator, age 33, two dependents, died from injuries sustained in a haulage accident which occurred at approximately 6:10 p.m., Wednesday, January 23, 1985, at the Old Ben Coal Company #24 Mine, Benton, Franklin County, Illinois.

Mr. Dorris had positioned himself in the crosscut between the 14th and 15th West North Entries to watch the operation of the continuous miner in the 14th West North Entry. Section Foreman Gary Chaney had taken over the operation of the tractor scoop during the absense of the scoop operator, who had left to receive medical attention. Mr. Chaney was returning from the belt tailpiece with a load of loose coal and planned to deposit the coal at the face of the 15th West North Entry. To reach the 15th W.N. Entry, Mr. Chaney drove through the crosscut where Mr. Dorris had previously positioned himself and was ran over by the scoop. Mr. Dorris was transported to the hospital where he died the next day.

Mr. Olin Boston, roof bolter, age 31, four dependents, died from injuries sustained in a haulage accident which occurred at approximately 3:45 a.m., Tuesday, April 9, 1985, at the Zeigler Coal Company #11 Mine, Coulterville, Randolph County, Illinois.

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Mr. Boston was standing in front of a tractor scoop, operated by Tom Klusing, at the time of the accident. Mr. Klusing had stopped to allow Mr. Boston the opportunity to inspect the dust box located in the scoop's bucket. Attached to Mr. Klusing's scoop was an oil/grease service car, the backend of which was located approximately nine feet from a pull-thru check curtain. A scoop operated by Dennis Hopkins drove through the check curtain, striking the oil/grease service car. Mr. Klusing's scoop was pushed forward, pinning Mr. Boston between the scoop bucket and the rith.

Mr. Boston was transported to the hospital and died on April 17, 1985.

#### III LABOR ε EMPLOYMENT -- TABLE 23 WORKING TIME -- ALL MINES

		AVERAGE D	AYS WORKED	PERCENT OF
	1984	1985	INCREASE (+) DECREASE (-)	INCREASE (+) DECREASE (-)
All Mines	238	220	- 18	-88

## III LABOR & EMPLOYMENT -- TABLE 24 EMPLOYEES -- ALL MINES

		NUMBER	EMPLOYEES	PERCENT OF
	1984	1985	GAIN (+) LOSS (-)	GAIN (+) LOSS (-)
All Mines	14,803	14,831	+ 28	+ 0.2%

## IV Mechanization

IV MECHANIZATION -- TABLE 25 -- MACHINE MINING FOR THE PERIOD 1928 TO 1985 INCLUSIVE, ALL MINES

			_		out put		100			
Hines	Mines Machines	Tons	Mine	Mines Machines	Tons	Mines	Machines	Tons	Mines	Tons
84	1,245	25,134,24	48 55	813	19,506,953	139	2,058	44,641,	67.5	82.2
92	1.324	31,883,1	47 47	999	18.476.517		1.989	_		85.2
06	1,100	26,629.0	55 37	206	13,082,958		1,606	_		65.9
85	1,103	28,190.8	36 36	282	5,425,234		1,385	_	5.99 0	1 78.0
83	686	19, 599, 5	99 21	155	2,986,486		1,144	_	5 53.0	71.9
79	905	25, 237, 3		109	2,015,606	76	1,014	127,252,92	11 59.1	77.0
87	926	27, 231, 3		113	2,411,683		1.042	29,733,01	3 58.7	6.97
88	903	28 985.2	-	107	2, 144, 948		1,010	_	3 56.5	75.2
93	981	32, 700, 4		81	3,127,236		1,062	_	6 61 .4	78.8
06	884	33,816,3	_	7,3	740.231		927	34,031,35	2 61.3	6.49
92	835	26,628,5	52 7	23	310,720		958	26,939,30	12 61.7	63.6
92	746	30,312,0	78 55	6	285,292	6	755	1 30, 597, 37	4.99 0	71.2
124	901	34,680,3	22 1	2	42,870	125	1 903	34,723,19		74.0
84	957	37,951,4	24 4	22	197,712	88	979	38,149,13		6.89
116	818	46,428,2	14 4	2	71,643	120	823	46,499,85		70.7
100	959	51,090,6	-   77	,		100	658	51,090,62		72.2
1 681	812	56,178,3	-  00	-	1	189	812	1 56,178,30	1.64  0	72.5
184	780	53,999,6	55  -	-		184	1 780	1 53,999,65	5 48.4	73.5
201		7,099,94	27 1	2	54,189		800	46,714,91	8 95 9	73.4
184	700	48,791,0	-   75	-	1		1 700	148,791,05	1 52 . 1	71.4
174	_	46,373,0	80 12	25	282,844		722	46,655,92	6 54 3	70.5
1 9/1	769	32,890,1	58 8	17	103,326		711	32,993,48	9* 95   54	15.1
170	959	37,692,3	19 5	15	74,453	_	671	137,766,7	72 50.0	62.9
167	909	36,016,0	95 4	11	65,163		615	36,081,25	9 26.6	65.8
151	208	28,788,9	-  08	-	[		1 508	1 28,788,98	30 57.4	65.9
127	388	29,129,5	56 1	-	1,950	_	389	1 29, 131, 50	96 55.2	63.4
111	334	25,204,1	39 3	2	14,945	_	339	125,219,08	34 55.3	7.09
91	256	26,935,6	14	-	[		256	26,935,61	4 45.9	29.0
82	220	28,095,0	01 1	e -	2,000		223	1 28,100,00	011 43.8	28.8
80	194	26,767,4	34	-	T	_	194	1 26,767,4	34 41.0	57.3
14	176	23,147,0	-  68	-	-	14	176	123,147,08	19 41.3	52.9
65	155	23,355,0	34  -	-	-	- 65	155	123,355,03	6.04	51.5
19	132	23,099,3	-  100	-		19	132	1 23,099,30		50.4
55	113	22,203,2	- 1/2	-	[	55	113	1 22,230,2		49.2
47	87	23,750,0	- 104	-	[	47	87	123,750,04	0 40.5	49.2
42	06	24,426,0	-  60	, _	_	47	06	124,426,00	9 36.2	47.3
07	91	24,878,3	51  -	1	-	07	91	24,878,35	37.0	45.4
36	192	25,571,4	22 -			36	16	25,571,44	2 37.0	43.9
59	70	27,132,1	- 11/	-		- 53	70	27,132,1	1 34.5	42.9
25	61	27,650,0	-  00	-		52	19	27,650,00		42.7
23	09	26,084,4	30  -			23	09	1 26,084,43		42.7
	88 88 88 88 88 88 88 88 88 88 88 88 88		1, 24, 5 1, 1, 10 1,	1, 34,6 15, 134, 148 1, 134,6 15, 134, 148 1, 100 186, 159, 159, 159, 159, 159, 159, 159, 159	1,324   37,134,248   55   18   19   1324   13,1831,147   14   15   18   19   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   19   18   18	1,254   22,134, 2248   55   813   19,55   11,100   26,629   055   31   95   11,100   28,100   31,893   144   47   665   119,45   11,100   28,100   31,893   34   52,62   35,64   36,93   32,53   33,83   34,	1,245   25, 134, 248   55   613   19,506   513   613	1,345   15, 144, 246   55   18, 476, 953   139   2, 134, 246   18, 476   18, 476   18, 476   18, 476   18, 476   18, 476   19, 100   18, 612, 958   12, 100   18, 612, 958   12, 100   18, 612, 958   12, 100   18, 612, 958   12, 100   18, 612, 958   12, 11, 100   18, 612, 959   12, 11, 100   18, 612, 959   12, 11, 10, 12, 12, 13, 130   14, 130	1,325   25, 134, 228   55   13, 476   515   13, 576	1,245   12, 134, 248   55   18, 13   19, 206, 953   11, 1006   12, 134, 12, 134   11, 1008   12, 1009   1, 1008   12, 1009   1, 1008   12, 1009   12, 1008   1, 1008   12, 1008   1, 1008   12, 1008   12, 1008   12, 1008   12, 1008   1, 1008   12, 1008   12, 1008   12, 1008   12, 1008   12, 1008   1, 1008

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IV MECHANIZATION -- TABLE 25 -- Continued:

_								1800		i i	Per Cent of
Year	Mines	Mines Machines	Tons	Mines	Mines Machines	Tons	Mine	Machines	Tons	Mines	Tons
696	28	97	30,172,627		-	1	28	97	30,172,627	45.2	46.5
. 076	29	53	31,615,570	1	-	1	53	53	31,615,570	45.3	48.7
1971		747	29,453,926	1	1	Ţ	27	77		42.9	50.4
1972	76	36	31,715,795	,	-	1	56	36		44.1	48.4
1973	24	35	32,577,353	'	-	Ţ	54	35	577	42.9	52.9
1974	23	36	31,104,112	,	-	T	23	36	31,104,112	41.8	53.6
1975	21	47	31,880,083	'	,	Ţ	71	47	31,880,083	36.8	53.5
1976.	23	187	30,911,696	,	-	Ţ	23	84	30,911,696	37.1	53.2
1977		55	29,588,971	-	-	Ţ	25	55	29,588,971	35.7	54.9
1978.	78	69	24,889,581	'	,	T	28	69	24,889,581	39.4	51.1
1979	31	*256	32,681,230	,	-	T	31	*256	32,681,230		54.9
1980.	31	*275	34,968,673	-	-	1	31	*275	34,968,673	47.0	55.9
1861	31	*289	29,235,503	1	-	T	31	*289	29,235,503	53.0	56.4
1982	33	*263	35,683,871	'	,	Ţ	33	*263	35,683,871	54.1	58.1
1983	31	*224	33,370,383	•	-	T	31	*224	33,370,383	57.4	57.2
1984	31	*213	39,945,487	,	-	T	31	*213	39,945,487	9.65	61.2
1985	32	*213	38,648,623	1	-	1	32	*213	38,648,623	61.5	63.9

STRIP MINES AND CHIPUT, NUMBER OF HINES USING MACHINE, NUMBER USED AN TONNAGE UNDERCUT;
NUMBER OF HINES USING MOTORS FOR UNDERGOUDE MAILLOCE, NUMBER OF MOTORS USED FOR TONS HAULED.
ALSO THE PERCENTAGE OF EACH CLASS — SHIPPING MINES BY YEARS — 1907-1968+, ALL MINES — 1969-1985 IV MECHANIZATION -- TABLE 26 -- NUMBER OF MINES OPERATED AND TOTAL TONS MINED;

			Min	Mined in Strip Mines	p Mine	60		Mac	Machine Mining	80				Motor Hauling	ling	
					Per	Per Cent				Per	Per Cent				Pe	Per Cent
			Number	er of	0	of		Number of	1	ö	Jo		Number	jo		of
	Mines	Total		Tons		Tons	Mines	Mines Machines	Tons		Tons Under Mines	Minea	Motora	Tons	Mines	Tons
Year	Year Operated		Mines	Mined	Mines	Mined		Used	Undercut	Mines		Cut Using	Used	Hauled	Using	Hauled
1907	411	46,436,839	-	1 1	,		101	1,105	14,490,454		31.2	75	129	16,542,575	18.3	35.6
1908	407	47,809,730	1	-	1	1	105	1,106	15,210,443		31.8	88	185	19,024,665	21.6	39.8
1909	384	47,958,562	-	T	1		107	1,246	16,407,692		34.2	96	210	21,892,462	25.0	45.6
1910	390	47,225,021	1	T	1	1	114	1,289	18,176,254	29.5	38.5	106	229	23,204,480	27.2	49.1
1911	387	48,758,657	7	45,153		-:	126	1,430	19,998,259		41.0	137	316		35.5	60.2
1912	380	56,096,695	2	53,762		-:	129	1,581	25,550,059		45.5	165	381	37,958,050	44.0	67.7
1913	371	60,515,416	7	117,790	_	.2	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737	50.4	76.5
1914	340	59,279,182	4	181,520	1.2	£.	141	1,828	31,446,823		53.1	191	240			80.2
1915	280	56,172,566	2	195,486		£.	131	1,686	34,057,426	47.1	60.8	172	909	47,239,554		84.4
1916	284	62,283,236	3	344,372	_	- 9:	139	1,817	39,312,376	6.67	63.5	176	648	53,140,005	62.6	85.8
1917	324	77,412,054	2	419,475	1.5	9.	151	1,920	47,232,880	47.3	61,3	200	774	67,196,786	62.7	87.3
1918	370	88,306,228	4	498,347	1:1	9.	174	2,054	50,927,291		57.0		960	77,662,619	65.6	88.4
1919	373	13,751,721	9	393,894	00	5.	199	2,124	42,933,172		58.6		1,144	66,686,930	70.0	6.06
1920	373	72,409,610	3	367,009	00	5.	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191	74.6	92.2
1921	389	78,339,082	9	437,007	80.	9.	235	2,760	50,243,470		64.5	280	1,406		72.5	91.6
1922	352	61,406,093	2	533,923	1.4	- 6.	205	2,762	41,168,621	59.1	69 3	232	1,364		70.0	90.4
1923	374	173,410,837	9	895,608	1.6	1.2	241	3,049	51,057,868	65.5	70.4	285	1,547		77.4	7.16
1924	329	70,324,363	11	1,184,288	3.3	1.7	215	3,033	50,064,304	67.7	72.5	259	1,565		82.7	95.3
1925	255	00,012,299	18	4,722,597	7.1	4.7	165	2,540	74,826,359		78.5	195	1,360	92,185,121		7.96
1926	244	67,836,441	16	3,482,611		5.1	149	2,259	50,736,684		78.8	182	1,288 (	61,486,775		95.5
1927	241	44,926,433	15	2,756,410	6.2	6.1	151	2,397	32,681,281		77.5	180	1,250	40,144,446	80.0	95.3
1928	206	54,284,184	14	4,113,008	6.8	7.6	139	2,158	41,099,267		82,7	158	1,182	49,000,549	82.3	7.76
1929	200	59,075,995	17	5,250,501	8.5	8.9	139	1,989	45,907,547		85,3	156	1,281	52,426,315	85.2	97.4
1930	185	51,996,608	15	6,220,336	8.1	12.0	129	1,606	40,015,407		87.2	133	1,201	41,181,378	78.2	87.2
1931	167	43,073,058	16	6,548,798	9.6	15.2	111	1,385	32,587,944	73.5	89 . 2	123	1,205		81.4	97.1
1932	162	31,402,399		6,628,228		21.1	102	1,144	22,165,199		89.5	124	1,117	24,357,088	85.5	98.3
1933	159	35,390,677	20	5,599,006		15.8	76	1,014	26,972,132		90.5	117	1,044	29,459,870	84.2	98.9
1934	172	38,655,527	26	6,008,218	15.1	15.5	101	1,042	29,395,102		0.06	124	1,156	32,378,082	72.1	83.8
1935	182	1-41,410,414		7,481,349	15.4	18.1	103	1,011	30,857,109	60.09	0006	122	1,137	33,686,091	79.2	98.3
1936	176	47,285,587	30	8,873,229  17.0	17.0	18.8	108	1,062	35,827,656	1 74.0	93.3	123	1,240	37,950,347	84.4	98.8
1937	168	48,062,076	30	11,176,074 17.8	17.8	23.3	103	927	34,031,392  61.3	61.3	92.3	116	1,288	36,341,172	84.1	98.5

IV MECHANIZATION -- TABLE 26 -- Continued:

								911111111111111111111111111111111111111			-	i	FIGURE HARTINK	SULLIN	
-	_			Per	Per Cent				Per	Per Cent	H			P.	Per Cent
_	_	Numb	Number of	_	Jo		Number of	J	0	Jo	-	Number of	JC	_	jo
_	_					_				Tons	-	H		L	L
Mines			Tons	_	Tons	Mines	Tons   Mines Machines	Tons	_	Under		Motors	Tons	Mines	
fearl Operated	- 1	피	Mined		-	Using	Used	Undercut	Mines	Cut	Using		Hauled	Using	Hauled
	-	_	10,058,999		_	66	958	26,939,302		6.46	106	1,251	27,988,198 85.5	98 85.5	72.0
1939 146	42,994,107	76	11,295,547	17.8	26.3	92	740	30,312,078	8 63.0	95.6	106		31,318,349	49 88,3	14.0
	-	27	12,024,635	19.5	26.2	124	903	34,734,192	0.06	74.0	124	1,112	36,972,431 89.1	31 89.1	82.0
1941 143	51,033,319	90	13,367,089	1 20.4	1 26.1	83	623	35,944,467	1 56.4	70.5	95	954	38,012,446	46 74.2	74.5
1942 141	_	28	15,937,681	19.8	24.3	91	632	42,571,922	64.5	8 69	107	1.240	43,064,306		1 70.0
1943 140	-	26	15,484,712		22.0	100	658	51,090,624		76.3	105	1,335	51,918,418		75.2
1944 157	-	31	17,108,528		23.1	102	684	54,412,942		73,3	106	1,312	55.060,045	45 67.5	74.4
1945 159	-	37	16,203,763	3 23.2	22.0	102	638	52,234,080	64.1	74.5	102		53,278,465		76.4
091  9461	-	36	14,302,739	9 22 6	23.4	106	798	46,660,727	1 66.3	76.5	1001	1,337	46,215,166		75.8
1947 160	-	38	17,821,339	1 22.0	27.4	103	637	46,770,716	7 79 9	72.4	98	1.271	42,983,109		66.5
1948 160	-	45	16,758,306	3 28.1	26.8	100	577	44,784,161	62.5	71.6	89	1,118	42,270,669		9. 29
1949 157	_	45	12,835,980	1 28.7	28.6	103	570	31,579,018	8 65.5	70.5	96	1.107	31,419,416		70.2
1950 149	-	39	16,469,126	3 26.2	30.3	98	543	36,337,125	65.8	6.99	66	1,153	38,468,443	43 66.4	_
1951 136	52,595,098	33	17,289,932	24.3	32.9	96	967	35,078,767	1 69.1	66.7	95	1,073	32,885,513		_
1952 111	-	27	15,340,989	1 24.3	35.5	77	391	27,824,311	4°69	64.2	77	883	26,271,031		60.7
1953 97	-	29	15,395,734	1 29.9	35.3	63	299	28,312,383	6.49	9.49	59	651	23,802,952		54.3
1954 87	_	28	15,388,078		38.5	54	240	24,606,444	62.1	61.5	64	609	19,362,624		48.4
	_	35	17,535,630	1 41.2	1 40.0	47	178	26,320,724	55.3	0.09	195	434	22,134,856	56 54.1	50.4
88 9561	_	42	18,041,603	3 47.7	_	94	160	27,474,383	1 50.0	60.3	41	904	22,083,913	13 46.6	48.5
	-		18,439,220		41.4	40	140	26,069,830	43.4	58.5	37	381	20,732,578	78 40,2	46.5
	_	67	19,318,772		_	34	123	22,524,173	1 0.04	53.8	26	252	17,296,825	25 30.1	41.3
	-		20,532,528		_	34	113	22,974,451	41.1	52.8	31	269	18,047,376	76 37.3	41.5
	-	_	20,946,982		_	36	100	22,744,109		52.0	30	249		70 38.5	32.3
	-	36	20,999,859		0.67	26	83	21,823,768	38.8	51.0	21	145	9,401,846	46 31.3	1 22.0
	-	_	22,482,457		_	22	61	22,780,517		50.3	20		10,782,732	32 31.2	23.8
	_	42	25,194,264		_	22	62	23,181,300	32.8	52 - 1	19	87	12,005,935	35  28.3	24.8
	-	7	27,863,966		_	23	89	24,024,501		46.3	19	9.7	11,393,993	93  27.9	1 22.0
1965 63	-	39	30,714,714	61.9	1 55.4	18	99	24,737,416	28.6	9.44	17	84	13,035,683	83  27.0	23.5
			33,726,863		_	15	20	25,535,090	26.8	43.1	14	7.3	13,354,433	33 25.0	22.5
	_	32	34,794,177	7 61.5	1 57.5	15	67	25,694,344	28.8	42.5	14	73	14,077,962	62 26.9	23.3
	-	_	34,142,920	52.1	59.2	14	77	23,527,751	29.2	8.04		199	7,237,522	22 22.9	12.5
1969 62	64,832,584	34	34,659,957	7 54.8	53.5	18	51	31,172,627	1 29.0	46.5	15	73	8,252,837	37  24.1	12.7
	64,884,103	35	33,268,533	3 54.7	51.3	18	53	31,615,570	1 28.1	48.7	- :	64	6,489,554	54 17.2	10.0
1971 63	58,415,239	36	28,961,313	3 57.1	9.67	15	77	29,453,926	28.6	50.4	13	89	7,091,251	51 20.6	12.1
1972 59	65,521,394	33	33,805,599	9 55.9	51.6	14	77	31,715,795	23.7	48.4	12	79	8,014,927	27 20.3	12.2
1973 56	61,548,670	32	28,971,317  57.1	1 57.1	47.1		35	32,577,353	1 25.0	52.9	12	97	10,629,476	76 21.4	17.2
107/1	1 58 077 64.0	33	1003 050 50	600	1 1 7 1	-	20	1011			:		1000		

IV MECHANIZATION -- TABLE 26 -- Continued:

	nt	-		Tons	nled	1	ı	1	ı	ı	F	ı	1	,	ı	1
ling	Per Cent	of	_	Mines T	Using Hauled	1	1	1			1			1	1	-
Motor Hauling	_	of	_	Tons	Hauled	T	T	T	Ţ	T	T	T	T	T	T	T
		Number of	_	Under Mines Motors	Used	Τ.	т.	Т	_	7	т	Т	т.	т.	Т	Τ.
	_	_	_	Mines	Cut   Using	ı	1	ı	1	1	1	1	ı	1	1	ı
	Per Cent	jo	Tons	Under	- 1	54.0	53.2	54.9	51.1	× 50	55.9	26.4	58.1	57.2	61.2	63.9
60	Per	0		_	Mines	18.0	19.3	971 22.9	581 22.5	43.7	1 47.0	53.0	54.1	57.4	9.65	61.5
Machine Mining		-		Tons	Undercut	31,880,083 18.0	30,911,696 19.3	29,588,971	24,889,581	32,681,230  43.7	34,968,673 4	29,235,503 53.0	35,683,871  54.1	33,370,383  57.4	39,945,487 59.6	38,648,623 61.5
Mac		Number of	_	Tons   Mines   Machines	Used	47	44	55	69	256	275	289	263	224	213	213
			_	Mines	Using	10	12	16	16	31	31	31	33	31	31	32
	Per Cent	Jo		Tons	Mines Mined Using	46.5	8.94	45.0	6.84	45.1	44.1	43.6	41.9	42.8	38.8	36.1
Mines	Per	°			Mines	63.2	62.3	64.2	9.09	56.3	53.0	0.74	45.9	42.6	40.4	38.5
Mine in Strip Mines		Number of		Tons	Mined	27,658,936 63.2	27,224,448  62.3	24,291,457	23,854,568  60.6	26,856,897  56.3	27,573,744  53.0	22,563,150	25,744,299 45.9	25,003,197  42.6	25,343,704 40.4	21,828,633 38.5
Min		Numb		_	Mines	36	39	45	43	40	35	27	28	23	21	20
		_	Total	Tons	-	59,039,019	58,136,144	53,880,434	48.744.149	,538		51,798,653	61,428,170	58,373,580	65,289,191	60,477,256
				Mines	Yearl Operated		62	70	71	71	99	58	61	54	52	52
	_		-	_	Year	1975	19761	1977	1978	1979	1980	1981	1982	1983	1984	1985

\*Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

### IV MECHANIZATION -- TABLE 27 METHOD OF LOADING IN ALL MINES -- 1985

		Mobile Is	ading Machine	
			wous Miners	8
	Total Tons		Machine	Tons
Name of Operator	Produced	in use	shift used	Loaded
		1	1	Dougle
A & F Coal Co., Arclar	210,610	2	778	210,610
Amax Coal Co., Wabash	2,665,930	15	5,177	2,665,930
Carter Coal Corp., Kathleen	611,900	3	1,150	611,900
Freeman United Coal Mng., Crown II	1,017,801	12	2,347	1,017,801
Freeman United Coal Mng., Orient #4	1,092,821	7	2,292	1,092,821
Freeman United Coal Mng., Orient #6	1,291,240	10	4,048	1,291,240
Freeman United Coal Mng., Crown III	600,900	7	1,150	600,900
Inland Steel Coal Co., #1	2,279,815	9	4,046	2,279,815
Inland Steel Coal Co., #2	1,043,032	9	3,210	1,043,032
Jader Fuel, Inc., Lovilia	36,615	1	135	36,615
Kenellis Energies, Inc., Brushy Creek	910,379	4	1,656	910,379
Kerr-McGee Coal Corp., Galatia	1,215,813	6	1,904	1,215,813
Monterey Coal Co., #1	1,949,837	10	2,889	1,949,837
Monterey Coal Co., #2	3,027,065	14	4,873	3,027,065
Old Ben Coal Co., #21	1,364,990	9 1*	1,707 602	1,364,990
Old Ben Coal Co., #24	1,262,686	6 1*	1,524 710	1,262,686
Old Ben Coal Co., #25	2,383,465	9 2*	1,762 1,325	2,383,465
Old Ben Coal Co., #26	2,349,692	8 2*	1,622 1,323	2,349,692
Peabody Coal Co., #10	2,516,238	12	5,067	2,516,238
Peabody Coal Co., Baldwin	1,906,942	8	3,357	1,906,942
Peabody Coal Co., Eagle #2	1,132,357	5	2,068	1,132,357
Peabody Coal Co., River King U/G	1,318,020	6	2,459	1,318,020
Peabody Coal Co., Marissa	1,492,400	5	2,170	1,492,400
Sahara Coal Co., #7	274,340	3	981	274,340
Sahara Coal Co., #21	493,096	5	1,843	493,096
Sahara Coal Co., #22	44,013	1	211	44,013
Turris Coal Co., Elkhart	796,930	5	1,894	796,930
Zeigler Coal Co., Spartan	565,284	3		565,284
Zeigler Coal Co., Murdock	166,052	4	1	166,052
Zeigler Coal Co., #5	813,839	4	1	813,839
Zeigler Coal Co., #11	1,123,620	5		1,123,620
Total	37,957,722	207 6*		37,957,722
	1		1	

<sup>\*</sup>Longwall Mining Machines -- 5,227,512 tons mined from Longwall sections.

IV MECHANIZATION -- TABLE 28 -- MECHANICAL LOADING IN SHIPPING MINES FOR FIFTY-FOUR YEARS -- 1931-1968\*, ALL MINES -- 1969-1985

		Total	I B	_	Part of Output	ıtput		Entire	Output	Per	Cent ot
			Tons			Tons			Tons		Tons
Year	Mines	Machines	Loaded	Mines	Machines	Loaded	Mines	Machines	Loaded	Mines	Loaded
1931	36	1.504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932.	_	1,702	10,899,555	27	578	4,513,101	89	2,280	15,412,656		49.1
1933.	32	1,313	13,344,573	19	439	4,421,643	21	1,752	17,766,216		50.2
1934	32	1,364	15,107,934	16	257	3,492,240	84	1,621	18,600,174		48.1
1935.	33	1.322	16.649,144	21	304	4,002,563		1,626	20,651,707		6.64
1936.		1,210	18,540,558	27	363	6,664,612		1,573	25,205,170		53.3
1937	_	1,127	21,192,003	27	329	7,182,359		1,456	28,374,362		59.0
1938.	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474		61.0
1939.	47	611	20,023,681	19	245	6,631,893		856	26,655,664		62.0
1940		631	26,413,496	14	130	4,437,590	Ī	191	30,851,086		71.0
1941		561	29,308,412	18	127	4,359,361	_	889	33,667,773		62.9
1942		631	37,350,137	12	112	4,554,664	_	743	141,904,801		68.5
1943		598	45,422,135	15	96	3,174,933	17	769	48,597,068		0.69
1944	_	577	45,529,829	14	102	5,790,101	74	629	50,719,930		65.5
1945		562	43,152,237	15	102	6,116,885	_	999	49,269,122		9.07
1946	_	999	38,527,365	==	86	4,089,527	_	652	42,616,892		0.07
1947		584	42,946,063	6	87	1,377,780	78	632	44,323,843		0.79
1948.		559	42,469,316	٣	28	729,222	73	1 587	32,198,538		0.89
1949.	_	542	29,263,382	3	15	1,217,785	Ī	557	30,481,167		68.2
1950.		531	37,855,197	3	9	32,595	_	537	37,887,792		69.7
1951	89	489	33,531,058	3	9	611,126	17	495	34,142,184		6.49
1952	69	365	26,549,584	00	13	611,541		378	27,161,125		62.7
1953.		305	27,451,029	4	12	560,052		317	28,011,081		63.8
1954	_	263	24,416,023	-	-	7,216		1 264	24,423,248		0.19
1955.	1 42	219	26,158,407	-	-	11,494	-	220	26,345,099		0.09
1956		193	27,347,356	1	1	_	39	193	27,347,356		60.1
1957	-	188	25,981,685	1	1	Ī	42	188	25,981,685		58°3
1958	36	171	22,454,676	1	1	-	36	171	, 54		53.7
1959.		162	22,912,080	1	1		37	162	22,912,080		52.7
1960		154	22,731,002	1	1	1	38	154	22,731,002		52.0
1961		148	21,813,301	1	1	-	53	148	21,813,301		50.9
1052.		102	22,780,517	1	1	-	1 27	102	22,780,517		48.2
93.	. 25	1112	23,181,300	•	,	-	_	112	23,181,300		6.74
1964	_	124	24,024,501	1	1		28	124	,024,		46.3
1965.		123	_	1	-		54	123	,737		9.44
1966.		1 123	.—	ı	1	1	12	123	, 535		43.1
1967		118	25	ı	1	-	1 20	118	,694		42.5
1968.		127	1 23,527,751	ı	1	1	1 23	127	23,527,751	6.74	40°8

IV MECHANIZATION -- TABLE 28 -- Continued:

		Tota	al		Part of Output	ıtput		Entire Output	Output	Per Ce	Cent of ~
			Tons			Tons			Tons		Tons
Year	Mines	Machines	Loaded	Mines	Machines	Loaded	Mines	Machines	Loaded	Mines	Loaded
1969.	27	151	30,169,400	1	1	T	27	151	30,169,400	43.5	46.5
1970	78	159	31,612,749	1	-	T	28	159	31,612,749	43.8	48.7
1971	27	159	29,453,926	1	1	T	27	159	29,453,926	42.9	50.4
1972	56	159	31,715,795	-	-	T	26	159	31,715,795	44.1	48.4
1973	•	164	32,577,353	1	-	Ţ	24	164	32,577,353	42.9	52.9
1974	23	168	31,104,112	1	1	Ţ	23	168	31,104,112	41.8	53.6
1975.	21	185	31,880,083	1	1	Ţ	21	185	31,880,083	36.8	53,5
1976.	23	178	30,911,696	1	1	T	23	178	30,911,696	37.1	53,1
1977		230	29,588,977	,	'	T	25	230	29,588,977	35.7	54.9
1978	78	245	24,889,581	,	1	T	28	245	24,889,581	39.4	51.1
1979.	31	256	32,681,230	1	,	T	31	256	32,681,230	43.7	54.9
1980.	31	275	34,968,673	1	-	T	31	275	34,968,673	47.0	55.9
1981	31	289	29,235,503	1	,	T	31	289	29,235,503	53.0	56.4
1982	33	263	35,683,871	1	,	T	33	263	35,683,871	54.1	58.1
1983	31	224	33,370,383	1	-	T	31	224	33,370,383	57.5	57.2
1984	31	213	39,945,487	1	-	T	31	213	39,945,487	59.6	61.2
1985	32	213	38,648,623	1	1	T	31	213	38,648,623	61.5	63.9
*Statistics	stics	from 1969	from 1969 to present are not comparable with those of	are no	ot compara	ible with th	hose (	prior	years as the	they include	nde
local	mines	which were	which were not reported previously in	ted pre	eviously i	in this table	le.				
			4								

## IV MECHANIZATION -- TABLE 29 -- METHOD OF LOADING IN SHIPPING MINES FOR FIFTY-FOUR YEARS -- 1931-1968\*, ALL MINES -- 1969-1985

			1			-			ercent	
	1	Loading M	achines		By Hand	St	rip Mines	Out	tput :	loaded
ļ			Tons		Tons		Tons	By Ma-	By	Strip
Year	Mines	Machines	Loaded	Mines	Loaded	Mines		chines		
1931	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32 7	15.2
1932	68		15,412,656		9,361,515		6,628,228		29.8	
1933	51	1,752			12,025,455		5,599,006			
1934	48	1,621					6,008,218		36.3	
1935	54	1,626	20,651,707		12,277,358		7,481,349			18.0
1936	64	1,573	25,205,170	82	13,207,189	30	8,873,229		28.0	18.7
1937	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2
1939	66	856	26,655,664	54	15,042,896	27	11,295,547		11.7	26.3
1940	64	761	30,851,086		3,156,987		12,024,635			27.2
1941	76	688	33,667,773	59	3,998,459		13,367,089			26.1
1942	78	743	, , ,	32	3,308,666		15,937,681			24.2
1943	71	694	48,597,068		4,889,841		15,484,712			21.6
1944	74	679	50,719,930		-,,		17,108,528			23.1
1945	64	664	49,269,122	62	4,849,416		16,203,763			22.0
1946	75		42,616,892		3,831,940		14,302,739			23.5
1947	76	600	44,323,843		3,191,727		14,821,339			27.4
1948]	73	587	, , ,		2,350,818		16,758,306			27.0
1949	66	557	30,481,167	46	1,455,470		12,835,980			29.0
1950  1951	73   71	537   495		40   32	1,575,188		16,469,126			30.3
1952	67	378			1,162,982		17,289,932			32.9
1953	54	317	28,011,081	14	772,286 340,506		15,340,989   15,495,734			35.5 35.3
1954	49	264	24,423,248		206,476		15,388,078			38.5
1955		220			186,692		17,535,630			40.0
1956	39	193			150,039		18,041,603			39.6
1957	42	188		4	111,329					41.4
1958	36	171		4			19,318,772			46.1
1959	37	162	22,912,080	3	71,129		20,532,528		0.2	47.2
1960	38	154	22,731,002	2	25,398	40	20,946,982	52.0	0.1	47.9
1961	29	148	21,813,301	2	12,751	36	20,999,859	50.9	0.1	49.0
1962	27	102	22,780,517	-		37	22,482,457	50.3		49.7
1963	25	112		- ]		42	25,194,264	47.9		52.1
1964	28	124	24,024,501	- 1		40	27,863,966			
1965]	24	123	,,,	- !		39	30,714,714		!	
1966	21	123		-		35	33,726,863		]	
1967	20	118		- !		32	34,794,177		!	
1968	23	127	23,527,751	-		25	34,142,920			
1969	27	151	30,169,400	1	3,227		34,659,957			53.4
1970	28	159	31,612,749	1	2,821	35	33,268,533			51.3
1971  1972	27	159	,,	-		36	28,961,313			49.6
1972	26   24	159   164	31,715,795 32,577,353	-		33	33,805,599			51.6 47.1
1974	23	168	31,103,112	- 1		32	28,897,317 26,968,528			46.4
1975	21	185	31,880,083	- i		36				46.5
1976	23	184	30,911,696	- 1		39	27,036,936			46.8
1977	25	230	29,588,977	- i		45	24,291,457	54.9		45.1
1978	28	245	24,889,581	- i		43	23,854,568		i	48.9
1979	31	256	32,681,230	- i	j	40	26,856,897	54.9		45.1
1980	31	275	34,968,673	- i		35	27,573,744	55.9	j	44.1
1981	31	289	29,235,503	- 1	i	27	22,563,150	56.4		43.6
1982	33	263	35,683,871	- j		28	25,744,299	58.1	i	41.9
1983	31	224	33,370,383	- 1		23	25,003,197	57.2	i	42.8
1984	31	213	39,945,487	-		21	25,343,704	61.2	1	38.8
1985	32	213	38,648,623	- 1		20	21,828,633			36.1

\*Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

REPORT OF METAL MINES OPERATIONS - FLUORSPAR, ZINC & LEAD - 1985 NAME, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCTS, METHOD OF HOISTING AND MINING

					90
METHOD OF	WINING -	MACHINE OR BOTH	Machine	Machine	
		METHOD OF HOISTING	Electric	Strip	
		PRODUCT USED FOR	Hydrofluoric acid, fiberglas products, and steel industry.	Steel industry	
		DEPTH OF SHAFT	800	Strip	
F MINE		COUNTY	Hardin	Hardin	
LOCATION OF MINE		POST OFFICE COUNTY	Rosiclare	Cave-In-Rock Hardin	
		NAME OF OPERATORS	Ozark-Mahoning Co. Rosiclare	Hastie Mining Co.	

METAL MINES OPERATIONS - FLUORSPAR, LEAD & ZINC - 1985

				EXPLOSIVES USED -	ACCIDENTS	ENTS	TONS SHI	TONS SHIPPED TO POINTS IN -	TS IN -
NAME OF OPERATOR	PROD.	PROD. NUMBER DAYS & AN/FO IN TONS EMPLOYEES WORKED FOUNDS	DAYS		NON FATAL FATAL	NON FATAL	ILLINOIS	OTHER STATES	FOREIGN
Ozark-Mahoning Co. 199, 040	199,040	136	351	203,840 164,250	0	35	4,836	61,849	970
Hastie Mining Co.	985	4	300	4,000	0	0	m	982	1
									91

#### DEPARTMENT OF MINES AND MINERALS

#### ANALYTICAL LABORATORY

#### **EMPLOYEES**

TITLE

NAME

Mine Laboratory Supervisor

Michael K. Elliott Route #3 Benton, IL 62812

Chemist II

Chemist I

Gary Janello 211 Harrison St. Christopher, IL 62822

Clerk-Typist III

Mary Payne Route #4

Benton, IL 62812

Bernice Mitchell

Route #2

West Frankfort, IL 62896

Laboratory Technician III

Barbara Spencer

Route #1

Whittington, IL 62897

Imporatory Technician II

Ronnie Maddox 409 South Odle St.

West Frankfort, IL 62896

#### ANALYTICAL LABORATORY

As a result of an investigation of the Centralia mine disaster which claimed the lives of 111 miners in the spring of 1947, a decision was made in January of 1948 to establish an Analytical Laboratory within the Department of Mines and Minerals. The purpose of the laboratory was for the safety and health of the several thousand miners, union officials and state and federal officials. By establishing the Analytical Laboratory in January of 1948, Illinois became the first state to operate a laboratory of this type in connection with its mining department. Miners of Illinois have come to depend on this laboratory and it has no doubt played a significant role in the State's record.

In 1948 the laboratory was temporarily located on the University of Illinois campus in Champaign. In June of 1952, the laboratory was moved to Springfield where it remained until destroyed by fire in December of 1953. In 1954, the laboratory was established at West Frankfort. Early in 1970 a new building, the Mine Rescue Station and Analytical Laboratory, was completed at 503 East Main Street in Benton. The building, a modern one-story building, covering 13,372 square feet, houses the latest in mine rescue and laboratory equipment. This is the first permanent building for the laboratory since it was established in 1948. The Benton area is the center of the largest coal producing field in the State of Illinois.

The Analytical Laboratory of the Department of Mines and Minerals consists of two divisions: Safety and Coal Analysis.

#### SAFETY DIVISION

Mine disasters, which can claim many lives, are usually caused by mine fires and explosions. The purpose of this division is to prevent this from happening. Mine rock dust samples are analyzed for the percentage of combustible and incombustible materials to determine flame propagation characteristics. These samples are collected from specific points in each mine each month. In 1985, there were 2,905 rock dust samples analyzed for three components, carbon dioxide, moisture and ash, representing 8,715 individual tests.

The second procedure used to prevent fires and explosions is the monitoring of mine air. Methane and other higher molecular weight saturated and unsaturated hydrocarbons are explosive if allowed to accumulate due to an improper ventilation plan and/or the improper execution of that plan. Air samples are collected and analyzed expeditiously each month from all coal, fluor-spar and metal mines and all quarries in the state. Any high methane concentrations are reported to State Mine Inspectors immediately to insure corrective action.

These same air samples are also analyzed for any noxious and/or poisonous gases such as carbon monoxide. Oxygen, methane and carbon monoxide are also analyzed to ascertain whether or not their concentrations are in compliance with State mining laws in regard to health and safety conditions.

The laboratory uses a gas chromatographic method for gas snalysis which is more accurate, economical and faster than the older volumetric method. Samples are analyzed for oxygen, nitrogen, methane, carbon dioxide and carbon monoxide with a dual-column gas chromatograph. The chromatographic system employs a metallic nickel catalytic converter for the conversion of carbon lioxide and carbon monoxide to methane making detection possible by flame ionization. This conversion is similar to the exhaust system in most of the newer cars and results in sensitivity of .lppm for carbon monoxide. Oxygen and nitrogen are detected by a thermal conductivity detector. The entire chromatographic system feeds a strip-chart recorder, and an electronic integrator which is used for greater speed and accuracy.

In 1985, the laboratory analyzed 5,113 air samples, each consisting of five gases for a total of 25,665 components. This included many fire samples, dozens of standards, and many samples collected for abandoned mines.

The laboratory is also equipped to provide field operations in the event of mines fire, explosion, disaster, mine subsidence, gas from abandoned mines, or other problems involving explosive gases and air. Maintained at the laboratory is a portable gas chromatograph and the necessary equipment and supplies which can be moved to the problem area quickly. The equipment and supplies are housed and transported in a thirty-five foot 1970 Dodge van complete with a 1100V generator.

In September of 1980, the Department of Mines and Minerals, through the Abandoned Mined Land Reclamation Council, received a grant from the United States Department of Interior, Office of Surface Mining for \$24,500. This money was used to buy additional equipment to upgrade the mobile laboratory and to remove certain deficiencies. The equipment includes three gas chromatographs, two strip chart recorders, two electronic integrators, five standard gas mixtures, two programmable calculators, repair and replacement parts, and the necessary installation materials.

#### FIELD OPERATIONS OF THE ANALYTICAL LABORATORY

During 1985, many air samples were collected and anlayzed at several boreholes, subsidence projects and abandoned mine air shafts in conjunction with the operations of the Abandoned Mined Lands Reclamation Council.

In May, 1985, a hot spot was found inside a coal pillar at the Freeman Coal Company Crown II Mine. Air samples were analyzed during the loadout procedures.

In November and December, 1995, the mobile laboratory was used to analyze air samples for the Sahara Coal Company #21 Mine near Harrisburg. A fire, ignition, or roof fall resulted in the production of methane and carbon monoxide.

At the end of July 1984, the mobile laboratory was used for the analysis of fire samples at the Peabody #10 mine in Christian County, near\_Pawnee, Illinois. Samples from the fire area were analyzed during and after the seals were built and during the injection of liquid carbon dioxide.

In November 1982, the mobile laboratory was utilized for air analysis in Vermilion County in Danville after an explosion of methane gas from an old abandoned mine which has for many years been the site of the Star Fireworks Manufacturing Co., Inc. After the explosion the three shafts were filled to prevent the reoccurrence of the explosion. Air analysis revealed no further traces of methane gas. On September 4th, 5th, and 6th, 1981, the mobile laboratory with its new equipment was first field-tested during an active coal mine fire and sealing operation at the Peabody No. 10 mine. Uhe fire area was sealed and the mine was put back into operations without incident.

During the month of June, 1981, the mobile laboratory was used in cooperation with the Department of Law Enforcement at the state police headquarters in Maryville, Illinois. The headquarters had been severely damaged by mine subsidence and a series of test borings were being performed to assess the extent of possible future damage. Once the borings had perforated the mine, large concentrations of methane gas escaped from the mine. Gas analysis was performed during tests and recommendations were made to the law enforcement officials with regard to safety precautions which would prevent ignition of the gas.

During May and June of 1981, the mobile laboratory was utilized in the analysis of air samples at the Old Wasson mine. A hazardous concentration of methane gas was found to be escaping, in both the air and man and materials shafts. Corrective action was undertaken by the Abandoned Mined Lands Reclamation Council.

During February of 1981, the mobile laboratory was utilized in the analysis of air samples collected at the Old West mine in West Frankfort. This effort was in cooperation with the Abandoned Mined Lands Reclamation Council. The mine shaft was filled as a Safety precaution and the old mine workings removed from the site.

In August of 1980, the personnel of the Analytical Laboratory responded with their equipment and services to a gob fire at the Inland Steel No. 1 Coal Mine, located in Jefferson County at Sesser, Illinois. Mine gas air samples were analyzed before, during and after the area was sealed and liquid carbon dioxide was injected. The oxygen, methane, carbon dioxide and carbon monoxide levels were monitored carefully. A total of 163 mine gas air samples were analyzed along with dozens of standards.

In January of 1980, a raging fire broke out in a section of Peabody Coal Mine No. 10, located in Christian County at Pawnee, Illinois. After direct extinguishing techniques were unsuccessful, the area was sealed, borehole drilled and liquid carbon dioxide injected. The area was monitored until May at which time an elaborate plan was implemented to reopen the section. Over 500 mine gas samples were analyzed along with dozens of standards.

On November 22, 1979, the personnel of the Analytical Laboratory responded with the mobile laboratory to a fire at Freeman United Coal Company, Orient No 4 mine at Johnston City, Illinois in Williamson County. The laboratory was prepared to run air analysis, however, the fire was extinguished by water and sealing and sampling were not necessary.

During September, 1979, the personnel and mobile laboratory responded to a fire at Consolidation Coal Company Mine No. 63 Coffeen, Illinois in Montgomery County. Air sampling and analyses were performed over several days while the temporary and permanent seals were being built and liquid carbon dioxide was injected. A total of 128 fire samples and dozens of standards were analyzed.

During June, 1979, the personnel of the Analytical Laboratory responded with the mobile laboratory to a fire at the Old Ben Coal Company's No. 21 mine at Sesser, Illinois in Franklin County. Air sampling and analysis took place over several days while the fire area was sealed and liquid carbon dioxide was injected. Over 382 fire samples were analyzed along with dozens of standards.

In March, 1979, the personnel of the Analytical Laboratory responded with the mobile laboratory to a fire at the Peabody Coal Company Camp No. 1 mine near Morganfield, Kentucky. Twenty five fire samples were analyzed to aid in extinguishing the fire and in reopening the mine. The process included building seals and injecting carbon dioxide.

In January of 1979, the personnel of the Analytical Laboratory responded with the mobile laboratory to a fire at the Peabody Coal Company River King Underground mine at Freeburg, Illinois in St. Clair County. Fifty seven fire samples were analyzed along with standards while the fire area was sealed. Again liquid carbon dioxide was injected.

On October 6, 1978, a fire was discovered at the Old Ben Coal Company Mine No. 21. The portable laboratory was moved to the mine site and atmospheric samples and analysis were begun. On the basis of these analysis, decisions were made as to when the permanent seals could be built, when the mine could be opened and when the fire was under control. A total of 115 samples were analyzed over a period of two weeks.

On September 7, 1978, methane gas was found to be leading into the atmosphere in downtown Eldorado from the old O'Gara coal mine. The amount of gas was considerable and represented a potentially dangerous condition for the townspeople. The laboratory was set up nearby and used to monitor the gas emissions. A temporary diffuser was installed, the area barricaded off, and patrolled. Federal money was provided for filling the old shaft, drilling and casing a bleed hole, and the installation of a diffuser.

In 1977, the portable laboratory was set up in Belleville, Illinois to permit rapid analysis of gases from abandoned mines in cooperation with the United States Bureau of Mines and the Subsidence-Control Project in the Belleville-Maryville, Illinois area.

In 1976, for the first time the mobile laboratory was used at the Peabody River King Underground mine at Freeburg in November and December analyzing samples every four hours for four days. The results obtained assisted company, and state and federal officials in determining what steps needed to be taken to control and extinguish the fire and also determined when the permanent seals could be built.

#### COAL ANALYSIS

The second division of the Analytical Laboratory is the coal analysis program, which was designed to insure the quality of coal purchased for State institutions by the State of Illinois. The program was planned by the State Purchasing Department and the Director of the Department of Mines and Minerals.

The program calls for several samples of coal every month to be shipped from the State's mental, charitable, penal and educational institutions to the laboratory for analysis. The coal is pulverized, a composite formed and then analyzed for heat content, moisture, ash and sulfur. If the coal does not meet State specifications, a penalty can be imposed.

As a result of this program, the General Services Purchasing Division is able to procure better grades of coal for less money. In the first year of the program, an estimated 20% efficiency was realized in heating the various State institutions.

For the calendar year of 1985, the State of Illinois purchased approximately 185,000 tons of coal with a value of almost \$7,260,000. Hundreds of samples were collected, reduced to 92 composites, and analyzed in duplicate for a total of 644 individual analysis.

## SUMMARY OF THE NUMBER OF MINE ATMOSPHERIC SAMPLES AND ROCK DUST SAMPLES BY MONTH OF THE YEAR 1985

MONTH	AIR	ROCK DUST
JANUARY	323	242
FEBRUARY	318	238
MARCH	373	306
APRIL	319	256
MAY	354	245
JUNE	327	243
JULY	310	212
AUGUST	353	272
SEPTEMBER	326	196
OCTOBER	330	229
NOVEMBER	311	197
DECEMBER	349	269
TOTAL	3,993	2,905

#### SUMMARY OF THE TOTAL NUMBER OF ALL TESTS RUN ON COAL SAMPLES DURING THE YEAR OF 1985

															-		-		-										
	JANUARY .																												49
٠.	FEBRUARY	Ċ							i				Ċ														·	i	63
	MARCII	Ċ																											56
	APRIL																												56
	MAY																												42
	JUNE																												35
	JULY																												56
	AUGUST .																												56
	SEPTEMBER																												42
	OCTOBER .																												84
	NOVEMBER																												56
	DECEMBER																												49
																	T(	TI	L										644
						SUN	им)	NR)	(	)F	TI	ΙE	Nl	IME	BEI	? (	ЭF	CC	AI	, 5	A.	1PI	ES	5 E	3Y	YE	EA!	?	
							Si	N	Œ	TI	ΙE	Il	VCE	PI	rIC	)N	Ol	7 5	CHE	. (	:07	L	PF	ROC	RA	M			
											TI	IRI	1 1	HE	1	E	4R	Ol	7	198	35								
	*1962						-				٠				٠				٠	٠		٠	٠		•		٠		298
	*1963				٠		•				٠		٠	-	٠	٠	٠			•				•		٠	٠		236
	*1964	٠	-	٠						٠			-		•	٠	•	•	•	٠	٠	٠	•	٠	٠	٠	٠		528
	*1965			٠		-	•			٠	•	•	-			٠	•	٠		٠	•	٠	٠	٠	٠	٠	٠		714
	*1966		•	•		•	-	•	٠	٠		٠	٠	•	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠		743
	*1967					•	٠	٠	٠	٠	٠	٠		٠	٠	٠	٠	٠	•	٠	٠	•	•	٠	٠	٠	٠		759
	*1968	٠	٠	•	٠	٠	٠	٠	٠	٠	•	٠	•	•	•	٠	•	•	٠	٠	٠	٠	٠	٠	٠	٠	•		702
	*1969	٠	٠	٠	•	•	-	•	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	٠	٠	٠	•	٠	٠	•	•		725 674
	*1970	٠	•	٠	٠	•	•	٠	٠	٠	٠	٠	٠	٠	٠	٠	•	•	٠	•	•	•	٠	٠	•	•	•		674
	*1971	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	•	•	•	•	•	٠	•	•	•	٠	•	•	٠	•	•		449
	*1972	٠	•	٠	٠	•	•	٠	٠	٠	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	٠	•	•		397
	*1973	•	-	•	•	•	٠	•	•	•	•	•	•	•	٠	•	•	•	•	٠	•	٠	•	•	٠	•	•		190
	*1974 *1975		•	•	٠	•	•	•	•	•	•	٠	•	٠	٠	•	•	٠	٠	•	•	٠	•	•	•	•	•		150
	*1975	•	٠	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	٠	•	•	٠	:	•	•	•	•	•		263
	1977	٠	٠	•	•	-	•	•	•	٠	٠	٠	:	٠	•	•	•	•	•	•	٠	٠	٠	•	•	•	•		287
	1977	•	-	•	•	٠	٠	•	٠	٠	٠	•		٠	•	•	•	•	٠	•	•	٠	•	•	•	٠	•		229
	1978	٠	-	٠	•	•	•	•	•	•	•	•	-	٠	•	•	•	•	•	•	•	٠	•	٠	•	•	•		340
	1979			•	٠	•		•	•	•	٠	٠	•	•	•	٠	•	•		•			•	•	•	•	•		286
		•	•					•	•	•	•		•	٠	•	٠	•	•	•	•	•	•	•	•	٠	•	•		210
	1981	•	•	•	٠	٠	•	•	•			-	•	•	•	•	•	•		•	•	•	•				•		234
	1982	•	•	•	٠	٠	•	•	•	٠	٠		٠	٠	•	•	•	•	•	•	•	•	•	•	•	•			340
	1983		•	•	•		•	•	•	٠	٠	-	٠	٠	•	•	•	•	•	٠	•	•	•	•	•		•		425
	1984	•		•		•	•	•	-	•		•		٠	٠	•	•	•		•	•	•	•	•	•	•	•		354
	1905		•	•	٠	٠	•	•	٠	•	•	•	٠	٠	•		٠		٠	•	٠	•	•	•	•	•	•		234

TOTAL 10,207

\*NOTE: The number of composite samples analyzed for the years 1962 thru 1976 are not included.

## SUMMARY OF THE NUMBER OF MINE ATMOSPHERIC SAMPLES AND ROCK DEST SAMPLES BY YEAR SINCE THE INCERTION OF THE LABORATORY

YEAR	AIR SAMPLES	ROCK DUST SAMPLES
1985	4,553	2,905
1984	4,551	3,484
1983	4,161	3,301
1982	4,733	3,356
1981	4,398	3, 371
1980	5,875	3,840
1979	5,587	3,876
1978	4,154	2,749
1977	4,477	2,727
1976	4,110	2,732
1975	3,095	2,150
1974	2,784	2,456
1973	2,350	1,806
1972	2,628	1,869
1971	2,756	2,364
1970	2,887	2,627
1969	2,551	2,679
1968	3,073	2,597
1967	2,801	2,471
1966	2,788	2,588
1965	2,734	2,717
1964	2,588	2,728
1963	2,466	2,944
1962	2,320	2,682
1961	2,432	2,713
1960	2,299	2,773
1959	2,765	3,304
1958	2,856	3,554
1957	2,820	3,862
1956	2,750	4,161
1955	3,085	4,321
1954	3,230	4,111
1953	5,059	4,951
1952	4,337	5,281
1951	3,305	2,051
1950	4,853	3,280
Before 1950	6,329	4,772
	130,540	116,155

#### SUMMARY OF ACTIVITIES OF MINE RESCUE STATIONS

	Benton	Coulterville	DuQuoin	Eldorado	Elizabethtown	Springfield	Total
Number of Persons trained on 100% First Aid Program	5	0	0	8	47	30	90
Candidates for additional Training Certificates	0	0	0	0	0	0	0
Number of persons trained as First Aid instructors or Key Men	0	0	0	0	0	0	0
Number of plants, schools, mines, etc. given 100% training	0	0	0	0	4	0	4
Number of persons given complete Mine Rescue Training	10	0	0	0	0	0	10
$\label{thm:constraints} \mbox{Number of persons given modified Mine Rescue Course}$	2	15	0	22	0	0	39
Number of calls to mines on emergencies	1	0	0	1	0	0	2
Number of miscellaneous calls other than mines	0	0	0	4	1	0	5

# REPORT OF MINERS' EXAMINING BOARD DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED FOR FIRST CLASS PAPERS AND SHAFT-SLOPE WORKER PAPERS

				Number
	1		Number	Certificates
	i		Certificates	Issued
	İ		Issued	Shaft-Slope
Date 1985	İ	Place of Meeting	First Class	Worker
anuary	2	Freeburg	0	0
	3	Herrin	0 1	0
	4	Coulterville	0	0
	5	Mt. Carmel	3	0
	7	Benton	1	0
	8	Harrisburg	7	0
	9	Sesser	0	0
	10	Tuscola	0	0
	10	Taylorville	0	0
	11	Springfield	16	0
		Litchfield	0	0
	14	Johnston City	1	0
	į	•	28	0
ebruary	1	Freeburg (Canceled)	0	0
	2	Mt. Carmel	2	0
	4	Herrin	0	0
	5	Benton	1	0
	6	Eldorado	1 12	2
	7	Tuscola	0	0
	7	Taylorville	0	0
		Springfield	6	0
		Litchfield	2	0
	11	Johnston City	0	0
	13	Sesser	j 0	0
	14	DuQuoin	1 2	0
	į		25	2
larch		Mt. Carmel	0	0
		Freeburg	1 0	0
	5	Harrisburg	5	0
		Herrin	1 0	0
	7	Coulterville	1 5	0
		Benton	10	0
	11	Johnston City	1 2	0
	12	Sesser	1 4	0
	14	Tuscola	0	0
	14	Taylorville	1	0
		Springfield	25	0
		Litchfield	j 5	i o
			j <u>57</u>	i 0

4	21 Page 15	1 6	
April	3  Freeburg 4  Eldorado	l 6	0
	5 DuQuoin	1 2	0   0
	6 Mt. Carmel	1 11	0
	8 Herrin	i i	1 0
	9 Sesser	1 0	1 0
	l I Tuscola	0	1 0
	ll Taylorville	1 0	1 0
	12 Springfield	16	, o
	12 Litchfield	3	i o
	15 Johnston City	i	i 0
	16 Benton	j 6	i ŏ
		56	0
May	l Freeburg	0	0
	2 Herrin	1 0	0
	3 Tuscola	0	0
	3 Taylorville	1	0
	3 Springfield	28	1 0
	4 Litchfield	4	1 0
	6 Harrisburg	1 7	0
	7 Benton	0	1 0
	8 Coulterville	2	0
	9 Johnston City	1	. 0
	10 Sesser	0	0
	II Mt. Carmel	! _7	<u> 0</u>
		<del>50</del>	<u>0</u>
June	3 Freeburg	0	0
	4 Herrin	0	0
	5 Eldorado	8	0
	6 DuQuoin	1	1 0
	7 Benton	] 2	1
	8 Mt. Carmel	9	0
	10 Sesser	0	0
	Il Johnston City	1	0
	14 Tuscola	0	0
	14 Taylorville	1	0
	14 Springfield	9	0
	15  Litchfield	35	$\frac{0}{1}$
July	 5  Freeburg	1	l I 0
,	5 Harrisburg	i 3	i ŏ
	6 Mt. Carmel	i	ĺ
	8 Herrin	i i	i
	9 Tuscola	i	i ŏ
	10 Benton	1 1	i o
	il Taylorville	i ō	Ö
	II Springfield	1	Ō
	12 Litchfield	i o	į ō
	15 Sesser	0	0
	15 Coulterville	1	0
	16 Johnston City	1	0
	ĺ	10	0

2   Benton   2   0   3   Mt. Carmel   9   0   0   5   Herrin   0   0   0   6   DuQuoin   1   0   0   0   6   Braylorville   0   0   0   0   0   0   0   0   0
September   Sept
September   3   Freeburg   3   1   0
September   3 Freeburg   1   0   0   0   0   0   0   0   0   0
September   Sept
September   3   Freeburg   3   0   0   0   0   0   0   0   0   0
September   3   Freeburg   1   0   0   0
12 Eldorado
13   Johnston City
September   2   0   0   0   0   0   0   0   0   0
September 3 Freeburg 3 0 0 3
September 3 Freeburg 3 0 0 3 Harrisburg 1 1 0 0 4 Carmi 2 0 0 5 Coulterville 4 0 6 Herrin 1 1 0 0 9 Sesser 0 0 0 0
3  Harrisburg
4   Carmi   2   0   5   Coulterville   4   0   6   Herrin   1   0   7   Mt. Carmel   0   0   9   Sesser   0   0
5 Coulterville   4   0 6 Herrin   1   0 7 Mt. Carmel   0   0 9 Sesser   0   0
6  Herrin   1   0 7  Mt. Carmel   0   0 9  Sesser   0   0
7  Mt. Carmel   0   0 9  Sesser   0   0
9  Sesser   0   0
10/ 8
10 Benton 4 0
12  Tuscola   0   0
12 Taylorville 1 0
13 Springfield 1 0
13 Litchfield 0 0
17 0
October 1 Freeburg 5 0
2 Johnston City 0 0
3  DuQuoin   0   0
4 Herrin   1   0
4 Benton   2   0
5 Mt. Carmel 1 0
7 Eldorado   17   0
8 Sesser 0 0
10 Tuacola 0 0
10 Taylorville 0 0
11 Springfield 0 0
11 Litchfield 0 0
November   Springfield   6   0
l Litchfield   1   0
2 Mt. Carmel 1 1 0
4 Herrin   6   0
5  Carmi   6   0
6 Harrisburg 6 0
7  Tuscola   0   0
7 Taylorville 4 0
8 Sesser 1 1 0
12 Freeburg 1 0
12  Benton   1   0
13 Coulterville 2 0
35 0
1

December	2 Freeburg		1	1	}	0
	3 Johnston Cit	y	1	1	İ	0
	5 Tuscola		1	0	1	0
	5 Taylorville		1	0	t	0
	6 Springfield		ĺ	4	İ	0
	6 Litchfield		l	0	İ	0
	7 Mt. Carmel		I	8	1	0
	9 Benton		l	1	1	0
	10 Eldorado		1	5	1	0
	ll Sesser		1	0	1	0
	12 DuQuoin		l	1	1	0
	13 Herrin		l	2	1	0
	1		l	23	1	0
	1		i		1	
	1	i i	1		1	
		TOTAL	3	198	1	3

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD -- FIRST CLASS -- 1985

	FOST OILICE	_	_		Years		Date of	Cert.
Name of Applicant	Address	Age	Date of Birth	Birthplace	Exp.	Examination	Examination	NO.
	1	5	0261 15 1950	Olney II.		Mt. Carmel	Jan. 5, 1985	21,415
Meadows, Larry L.	nt. Carmer		1,1,1,6, 1958	Stureie KV	~	Mt. Carmel	Jan. 5, 1985	21,416
Chambliss, Larry J.	Sturgis, Ai	2 5		22	~	Mr Carmel	Jan. 5, 1985	21,417
Odom, Ronnie G.	Sturgis, KY	/7		Stutigate, Ni		Don't on the same		21 418
Evans, Steve D.	Duquoin	74	Oct. 10, 1960	E. St. Louis, IL	7 .	Denton		017 10
Haas Dan P.	Carterville	31	_	Streator, IL	_	Harrisburg		61417
Candill Jerry	Norris City	1 29	Aug. 17, 1955	Hazard, KY	_	Harrisburg	r o	074,12
Table Itiliam	Uniontown KV	33	July 28, 1951	Madisonville, KY	_ _	Harrisburg	_	21,421
Latham, william C.	0.110.110.110.110.110.110.110.110.110.1	36	_	Cincinnari OH	6 MO	6 MC Harrisburg	Jan. 8, 1985	21,422
Woomer, Timothy M.	Carmi	2 7	-	Tidanale Ti	-	Horrightro		21,423
Watson, Gerald D.	Eldorado	٠ -	Sept. /, 194/	Eldorado, 1L		natitabutg	î a	21 424
Walker, J. D.	Carrier Mills	1 23	_	Chicago, IL	9	6 MO Harrisburg		474,12
Matrinolv Eric L.	Harrisburg	1 25	March 7, 1959	Harrisburg, IL	_	Harrisburg	, S	
Table Issue In	Springfield	35	l Oct . 14 1949	Springfield, IL	_	Springfield	Jan. 11, 1985	_
relber, Joseph, Jr.	opringite i	3 6		NO.	-	Springfield	Jan 11, 1985	
Dosa, Curdis A.	Springfield	07		are moutes, and	• -	10110110	11 1085	_
Boeker, Bruce D.	Tallula	28	_	Springfield, IL		Springileid	Jan 11 1707	21,120
Campbell, William M.	Rochester	84	May 25, 1936	Springfield, IL.	_	Springfield	, ,	674,17
A STATE OF THE PARTY OF THE PAR	Tipcola	2 1	Aug. 26, 1963	Lincoln, IL	_	Springfield	Jan. 11, 1985	121,430
HOLLIS, MAIN A.	7 ( ) ( ) ( ) ( )	33		Springfield, II.	;: -	Springfield	Jan. 11, 1985	21,431
Williams, cary c.	obringiteta	3 6		TI PERSONAL TI	-	Springfield	Jan. 11, 1985	21.432
Kinney, Darrell L.	Petersburg	57	Oct . 20,		- -	opranga tera	: =	21 433
Detmers, Glen R.	Enden	21	June 10, 1963	Lincoln, IL		springrield	:	77, 10
Meyer David W.	Lincoln	30	Dec. 31, 1954	Springfield, IL	_	Springfield	1	21,434
Hanking Max W.	Williamsville	23	April 13, 1961	Springfield, IL	<b>-</b> -	Springfield		21,435
Torrell Charles C.	Taylorville	23	_	Houston, TX	<u>-</u>	Springfield	Jan. 11, 1985	21,436
Tich Thomas D	Tincoln	37	_	Ottawa, IL	-	Springfield	Jan. 11, 1985	21,437
First, Monday No.	Comingfield	20	-	Salr Lake City, UT	_	Springfield	Jan. 11, 1985	21,438
Karpakis, George J.	obtaing the re			Butte MT	Y Y		Jan. 11, 1985	21,439
Wayment, Mark U.	Sherman	7 5		Darrey III	:	_	Tan. 11 1985	_
Williams, J. T.	Springfield			castonorg, AL	71 -	Caringfield	: -	-
Wilbert, Tom W.	Dawson	32		Lawrenceville, it		opt tilk teta		
McDaniel, Larry D.	Thompsonville	36	-	Terre Haute, IN	^ -	Jonnston City	ί,	
Keeney, Larry D.	Nebo, KY	29		Providence, KY	4	Mt. Carmel	,	21,443
Bumgardner, John W.	Mt. Carmel	38	_	Wheeling, W	1 12	Mt. Carmel	Feb. 2, 1985	51,444
Shaw Leslie A.	Marion	31	Aug. 16, 1953	Sacramento, CA	_	Benton	,	21,445
Love Edward W.	Slaughter, KY	32		_	7	Eldorado	,	121,446
Johnson Fverett M.	Moreanfield KY	32		_	12	Eldorado		21,447
Cases French H	Nortonville KY	29		Madisonville, KY	9	Eldorado		21,448
Malon Toni I	Moniton KV	27	_	_	7	Eldorado	Feb. 6, 1985	21,449
Netson, tony b.	Class KV	3,4	_	Huntington, W	_	Eldorado	Feb. 6, 1985	21,450
Unioht Voncett U	Moreonfield KV	26	-	Sturgis, KY	4	Eldorado	Feb. 6, 1985	21,451
Cibbs Import	Carrier Mills	24		Harrisburg, IL	-	Eldorado	Feb. 6, 1985	21,452
thumbren Kerl D	Morganfield KV	1 29			10	Eldorado	Feb. 6, 1985	21,453
numburey, vari D.	in the same of the		1000		-	Fldorado	Feb. 6. 1985	121.454
Marshall, Darrell G.	Carmi	67	29   Aug. 8, 1955	Carmi, it		cap long		

Kittinger, Dennis J.	Carmi	22	June 28,1962	3,1962	Madis	Madisonville, KY	KY	-	Eldorado	,	_	455
Witherspoon, Mark S.	Carmi	32		June 10, 1952	Evans	Evansville, IL	_	-	Eldorado	,	_	21,456
Griffin, Michael K.	Harrisburg	29	_	1, 1955	Torri	forrington, Wy	-	-	Eldorado	Feb. 6, 1985	-	21,457
Ott. William A.	Lincoln	31	Jen.	1954	Linco	incoln, IL	_	-	Springfield	Feb. 8, 1985	_	21,458
Gillmar, Bradley W.	Decatur	25	_	April 16, 1959	_	Decatur, IL	_	-	Springfield	Feb. 8, 1985	_	21,459
Montgomery, Mark A.	Mt. Auburn	30	_	April 20,1954	-	Faylorville, I	1	-	Springfield	Feb. 8, 1985	_	21,460
Raikes. Ronald G.	Oakford	30	Feb. 9, 1954	1954	Sprin	Springfield, I	_	-	Springfield	Feb. 8, 1985	_	21,461
Richardson, Albert L. Jr.	Athens	28	_	July 18, 1956	Sprir	Springfield, I	_	-	Springfield	œ	_	21,462
Brown, Michael J.	Decatur	39	_	Oct. 26, 1945	Decat	Decatur, IL	_	-	Springfield		_	21,463
Robinson, Mark S.	Carlinville	28	_	April 18, 1956	_	Rockford, 1L	_	2	Litchfield	Feb. 8, 1985	_	21,464
Duvall, Howard B.	St. Clairsville, OH	31	_	July 9, 1953	Wheel	Wheeling, W.Va	-	2	Litchfield	Feb. 8, 1985	_	21,465
Huges William E. Jr.	Clav. IN	29	_	Sept. 27, 1955	_	Harrisburg, IL	_	-	DuQuoin	Feb.14, 1985	_	21,466
	Okawille	54	_	Feb. 19, 1960	_	Sparts, IL		-	DuQuoin	Feb.14, 1985		21,467
Veal Brian T.	Eldorado	28	_	Aug. 21, 1956	Washi	Washington, D.C.	- :	1	Harrisburg	March 5,1985	_	21,468
Kistner Charles W.	Omaha	17	_	March 22, 1943	_	Madisonville, KY	KY	6	Herrisburg	March 5,1985	_	21,469
Duncan Charles L.	Herod	77	_	1941	Colce	Golconda, IL	_	-	Harrisburg	March 5,1985	_	21,470
Orndorff, Donald K.	Raleigh	33	_	June 24, 1951	Sulli	Sullivan, IN	_	-	Harrisburg	March 5,1985	_	21,471
Brogan, Michael E.	Eldorado	28		July 20, 1956	Jolie	Joliet, IL	_	-	Harrisburg	March 5,1985	_	21,472
Pinkley, James E.	Belleville	24		Feb. 23, 2962	St. 1	St. Louis, MO	_	6 MO	Coulterville	March 7,1985	_	21,473
Owens David J.	Nev Athens	1 26		, 1958	Belle	Belleville, IL	_	1	Coulterville	March 7,1985	_	21,474
Klingenberg, Allan E.	Marissa	29		May 19, 1955	Belle	Belleville, IL	_	-	Coulterville	March 7,1985	_	21,475
Hein Dale I.	New Athens	34		March 5, 1951	Carbo	Carbondle, IL	_	-	Coulterville	March 7,1985	-	21,476
Schmeiderer Mariorie	Lenzburg	24		1960	Norwi	Norwich, CT		-	Coulterville	March 7,1985	-	21,477
Butte Mercin I.	Stureis KY	30		Dec. 13, 1954	Sturs	Sturgis, KY	_	7	Benton	March 8,1985	-	21,478
Devise David H.	Marion KY	29		Aug. 14, 1955	Maric	Marion, KY	_	80	Benton	March 8, 1985	_	21,479
Knicht Denny	Carmi	28		July 14, 1956	Hopki	Hopkinsville, KY	KY	2	Benton	March 8,1985	_	21,480
Gidenmh Rodger A.	McLeansboro	22		Dec. 11, 1962	McLes	McLeansboro, I	_	-	Benton	March 8,1985	-	21,481
Moore Nance Dipage	Norris City	36		April 8, 1948	Colur	Columbia, MO	_	7	Benton	March 8,1985	_	21,482
Talley Terry D.	Carmi	32		Sept. 14, 1952	_	oin .	_	-	Benton	March 8,1985	_	21,483
Henshaw Thomas W.	Moreanfield, KY	29	-	March 20, 1955	=	eld,	KY	S	Benton	March 8, 1985	_	21,484
Cannon, Terry L.	McLeansboro	41		June 15, 1943	_	McLeansboro, IL	- 1	-	Benton	March 8, 1985	_	21,485
Earl James T.	Carmi	56	_	April 20, 1958	_	Detroit, MI	_	7	Benton	March 8,1985	_	21,486
Barney, Donna	Galatia	23		May 26, 1961	_	Williams, AZ	_	-	Benton	March 8,1985	_	21,487
Martin, Ernest Ray	New Haven	97		Nov. 22, 1938	Carm	Carmi, IL	_	7	Johnston City	March 11,1985	_	21,488
Thomas, Roger D., Jr.	Martion	23		Feb. 21, 1962	Mulle	Mullens, W.Va.	_	-	Johnston City	_	_	21,489
Webb, Jerry L.	Christopher	9		May 21, 1944	Bush, IL	, IL	_	2	Sesser	March 12,1985	_	21,490
Valenzuela, Rafael J.	Galatia	32		Feb. 5, 1953	Socri	Socrro, N.W.	_	-	Sesser	March 12,1985	_	21,491
Petties, Horton L.	Mt. Vernon	31		Nov. 13, 1953	Mark	Mark, MS	_	-	Sesser	March 12,1985	-	21,492
Friend, Joe L.	Royalton	27		Oct. 15, 1957	Chri	Christopher, I	_	-	Sesser	March 12,1985	-	21,493
Cook, Bobbie L., Sr.	Pawnee	53		March 9, 1932	Cent	Central City, KY	KY	2	Taylorville	March 14,1985	_	21,494
Bordignon, Paul J.	Chatham	1 48		June 27, 1936	Sprin	Springfield, I	_	-	Springfield	March 15,1985		21,495
Benner, Thomas A.	Williamsville	35	32   May 9, 1952	1952	Spril	Springfield, I	_	-	Springfield	March 15,1985	_	21,496
Austin, Ray R., Jr.	Springfield	- 25	25   July 15, 1959	5, 1959	Spri	Springfield, I	_	7	Springfield	March 15,1985	85   21,497	461
Jennings, Ralph	Springfield	27	27   March 28, 1957	28, 1957	_	Springfield, I	11.	-	Springfield	March 15,1985   21,498	85   21,	867
Miles D	Biverton	24	24   Sept. 22, 1960   Omaha, NB	22, 1960	Omah	N. NB	_	1	Springfield	March 15,1985   21,499	85   21,	667
Carmichaet,												

Bryant, Clifford T.	Athens	33	July		22, 1951	Springfield, IL	11	-	Springfield	-	farch 15, 1985	1985	21.500	00
Sharp. Randy W.	Auburn	27	July		9, 1957	Springfield. IL	11.	-	Sprinefield	_	Jarch 15	15,1985	21,50	10
Heather Cary A.	Taylor Springs	38	-	28	28 1946	Hillshorn II		-	Springfield	-	Morch 15	15 1085	21 502	
Tare I see	Shorman	3 8			4 12 1050	Carioseia d	, :		Series Contract	-	March 16	1001	21,702	4 6
Market, John H	1000	1 2	-		200	obrangatera,	1:		opt tell grant	-		2001	1	3 3
Martin, John 1.	Oller mall	;		2 :	1990	springileid,	1		Springrield			10,1960	21,504	4
Durbin, Ted A.	Taylorville	97	_	. 12,	12, 1959	Springfield,	11	-	Springfield	=	_	5,1985	21,505	05
	Taylorville	56	_	. 5	5, 1959	Taylorville,	11	-	Splringfield	<del>-</del>	March 15	15,1985	21,506	90
Hutchison, James W., III	Divernon	25	_	t. 12	Sept. 12, 1959	Tacoma, WA	_	-	Springfield	=	March 15	15,1985	21,507	07
Frehill, Phillip C.	Atlanta	25		. 24,	24, 1959	Bloomington, ]	11.	-	Springfield	_	March 15,1985	1985	21,508	80
Hills, Robert C.	Williamsville	25		. 27,	Aug. 27, 1959	Decatur, IL	_	-	Springfield	Ξ	March 15	15,1985	21,509	60
Witt, Donald L.	Taylorville	<u>۳</u>		ch 14	March 14, 1954	Bloomington, IL	11	-	Springfield	=	March 15	15,1985	21,510	10
Casson, August L.	Williamsville	47	_	June 10.	1937	Springfield	11	-	Springfield	=	March 15, 1985	1985	21 511	=
Rebbe, David A.	Petersburg	27	_	June 16.		Springfield, IL	II	-	Springfield	_	March 15	15,1985	21,512	12
Cornell, Archie R.	Athens	28	_	Aug. 12.		Roaiclare, IL.		-	Springfield	-		15,1985	21, 513	3
Friedrich, Phillip H.	Sherman	24	_	Aug. 31.	1960	Springfield. II.	11	-	Springfield	_	March 15, 1985	1985	21, 514	77
Booth, Rickie L.	Springfield	25	_	April 3.		Springfield, IL	11	-	Springfield	_	March 15	15,1985	21,515	15
Strode, James E.	Williamsville	31	-	ch 17	March 17, 1953	Springfield, 11.	1	-	Springfield	=	March 15	15.1985	21, 516	9
Decker, William G.	Standard City	33	_	. 27.	Jan. 27. 1952	Jacksonville. II	=	-	Springfield	-	Warch 15	15,1985	21,517	17
Mitchelson, Robert W.	Taylorville	22	_	June 22.	1962	Taylorville.	11	1	Springfield	Ξ	March 15, 1985	1985	21,518	18
Orr. Kenneth E.	Pawnee	30	_	. 17	Dec. 17, 1954	Dennison OH	_	-	Springfield	Ξ	farch 15	15,1985	21,519	19
Meyer Steven L.	Okawille	23	_	1 30	Anril 30 1961	Relleville II	_	-	Litchfield	-	March 15	15 1985	21 520	20
Woodrum Brice I	Macourt	270	-	27.	Aug 2/ 1960	Bollowillo Tr		-	Litchfield	-	March 15 1085	1085	21 521	
Joellemock Derroll G	Obernille	, ,			24, 1950	Delieville, in		٠-	Titole in 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1005	1 2	1 0
1121	ONAWALITE	17			0761	pelleville, il		• (				12,1902	27, 777	77
Grounds, Todd A.	Virden	22		. 22,	22, 1962	Herrin, IL		9 W				15,1985	21,523	23
Sharp, Stephen E.	Cutler	21	_	y 16,	July 16, 1933	Rochester, IL	_	20	Litchfield	Mar	_	15,1985	21,524	54
Baudino, Ronald	Belleville	23		t. 24	Sept. 24, 1961	Joliet, IL	_	-	Freeburg	Apr		3,1985		25
Gandy, Oscar A.	Belleville	22		. 25,	Oct. 25, 1962	Deals, France	_	-	Freeburg	Apr		3,1985		92
McNeese, Bruce E.	E. St. Louis	33		t. 27	Sept. 27, 1951	St. Louis, MO	_	-	Freeburg	Apr	April 3	3,1985		27
Harris, Andrew L.	E. St. Louis	38		. 2,	2, 1947	Columbus, MS	_	-	Freeburg	Apr		3,1985		88
Boeser, Lorraine C.	Trenton	43		July 30, 1941	1941	Breese, IL	_	-	Freeburg	Apr	April 3	3,1985		59
Dobbs, William M.	0'Fallon	33		. 24,	Feb. 24, 1952	E. St. Louis, II	11	-	Freeburg	Apr		3,1985		30
Hinderliter, Dan L.	Norris City	97		Feb. 4, 1939	1939	Evansville, IN	_	-	Eldorado	Apr		4,1985		31
Amberger, David L.	Eldorado	28		e 30,	June 30, 1956	Harrisburg, IL	_	-	Eldorado	Apr		4,1985		32
Holland, Mike L.	Harrisburg	70		ch 19	March 19, 1965	Harrisburg, II	_	-	Eldorado	Apr	April 4	4,1985		33
Pearce, Dennis L.	Harrisburg	28		May 2, 1956	926	Shawneetown, ]	- 11	-	Eldorado	Apr	April 4	4,1985		34
Harrawood, Steven R.	Harrisburg	73		ch 29	March 29, 1956	Eldorado, IL	_	-	Eldorado	Apr		4,1985		35
Piper, Edward F.	Sturgis, KY	70		Ξ.	Dec. 11, 1944	Sturgis, KY	_	6	Eldorado	Apr	April 4	4,1985		36
Edmonds, Bill W.	Enfield	26		June 4,1958	928	McLeansboro, IL	11.	-	Eldorado	Apr		4,1985		37
Cough, Dennis W.	Morganfield, KY	31		July 27, 1953	1953	Morganfield, KY	K.Y. –	10	Eldorado	Apr		4,1985		38
Walker, Grace E. Vincent	Henderson, KY	31	Nov.	6.	9, 1953	Evansville, IN	~	01	Eldorado	Apr	April 4	4,1985	21,539	39
Offutt, Mike M.	Carmi	27		Oct. 11, 1957	1957	Madisonville,	KY	-	Eldorado	Apr		4,1985	21,540	0 5
Reed, Robert D.	Pinckneyville	23		July 3, 1961	1961	Hammond, IN	_	-	DuQuoin	Apr		5,1985	21,541	4.1
Timmons, Colleen A.	Cermantown	22		Oct. 27, 1962	1962	Breese		-	DuQuoin	Apr		5,1985		7.5
Hawkins, Thomas E.	Carmi	38		. 17,	Jan. 17, 1947	Madisonville, KY	KY	01	Mt. Carmel	April		6.1985   21.543	21.54	~

April 6,1985   21,544   April 6,1985   21,545   April 6,1985   21,546   April 6,1985   21,547	6,1985 6,1985 6,1985 6,1985 6,1985	6,1985   8,1985   12,1985   12,1985   12,1985   12,1985   12,1985	12, 1985   12, 1985	2,1985 2,1985 2,1985 2,1985 2,1985 2,1985 6,1985	April 16, 1985   21,576 April 16, 1985   21,577 April 16, 1985   21,579 April 16, 1985   21,579 April 16, 1985   21,580 May 3, 1985   21,582 May 3, 1985   21,582 May 3, 1985   21,583 May 3, 1985   21,584 May 3, 1985   21,585 May 3, 1985   21,585 May 3, 1985   21,585 May 3, 1985   21,585 May 3, 1985   21,585
1   Mt. Carmel   1   Mt. Carmel   1   Mt. Carmel   1   Mt. Carmel   1   Mt. Carmel	6 Mt. Carmel 1 Mt. Crmel 1 Mt. Carmel 1 Mt. Carmel 1 Mt. Carmel	Ht. Carmel   Herrin   Herrin   Springfield   Springfield   Springfield   Springfield   Springfield   Springfield   Springfield   Springfield   Springfield	Springfield   Springfield	Springfield   Springfield   Springfield   Springfield   Litchfield   Litchfield   Litchfield   Litchfield   Litchfield   Litchfield   Litchfield   Litchfield   Hohnston City   & Benton   Ben	Benton
Fairfield Hartford, KY Sturgis, KY		Madisonville, KY Herin Springfield Springfield Beardstown Grand Rapids, MI Springfield			Morganfield, KY Logan, W. Va. Herrin ferry, OH Martins, W. Va. Echols, Ky Echols, Ky Springfield Wyadotte, MI Salt Lake City,UT Springfield South Bend, IN
24   Sept. 16, 1960 42   Jan. 25, 1943 20   Oct. 31, 1964 19   April 26, 1965		29 July 26, 1955 34 Nov. 10, 1950 32 Dec. 19, 1952 35 Jan. 31, 1950 43 Sept. 27, 1941 31 Oct. 1954 31 Nov. 3, 1953		29   April 16, 1955 23   March 28, 1962 28   Oct. 2, 1956 24   Oct. 28, 1960 26   Jan. 17, 1959 34   Nov. 5, 1950 35   May 26, 1945 39   May 26, 1945	28 Nov. 9, 1954 29 Nov. 9, 1956 29 Feb. 4, 1956 29 July 18, 1955 37 Nov. 5, 1947 28 Dec. 16, 1946 28 Feb. 20, 1957 26 May 27, 1958 37 Nov. 5, 1958 38 Dec. 22, 1961
Mill Shoals   Carmi   Carmi   Gilbertaville, KV	Marion, KY Morgantown, KY Morgantown, KY Carmi Cermi	Struckis, KY Johnston City Springfield Springfield Springfield Springfield Athens	Sherman Sherman Williamsville Williamsville Williamsville Springfield New Berlin	Illiopolis Springfield Springfield Springfield Hillsboro Shawneecoun Uniontown, KY	Strugie, KY Carmi Zeigler Carmi Carmi Carmi Pawne Pawne Pawne Sherman Girard Sherman Sherman
Taylor, Randy G. Humphrey, Carroll J. Wesley, Shane S. Uilson, Donnie	Merritt, Charles M. Dotson, Eddie D. Dotson, Gregory A. McQuinn, Billy D. Nelson, David W.	Kinley, Earl G. Kaiser, Lavrence R. Kaiser, Lavrence R. Harkins, James R. Tackman, Marjilou Blair, Michael R. Hedge, Connie J.	Gilman, Kenneth C., Jr., Become, Mishael E. Sherrock, Michael L. Burneson, David L. Wilson, Albert L., Jr. Blankenship, David W. Wilson, Thomas L. Wilson, Thomas L.	S Stone, R. Bradley Faucon, Scott Davis, John M. Gray, Russell D. Mansfield, Benjamin E. Dailey, Roger D. Hagan, Henry	Metritt, Denver, Walter B.  Mexitt, Denver, Jr.  Kaskie, Darrell G.  Kosikowski, Larry S.  Parkinson, Joseph J.  Stevens, Alvin K.  Shory, Lloyd A.  Shook, Larry  Brown, Romaid L.  Dyas, David C.  Truax, David L.

Digiovanna, John J.	Athens	E .	Jan.	Springfield	1   Springfield	May	3,1985	21,588	
McMillin, Earl L., Jr.	Cornland	33	_	Lincoln	1   Springfield	May	3,1985	21,589	
Shea, William T.	Springfield	36	_	Springfield	1   Springfield	May	3,1985	21,590	
Fowler, Craig J.	Athens	26	Nov. 20, 1958	Springfield	l   Springfield	May	3,1985	21,591	
Geyston, Thomas E.	Springfield	1 29	=	Springfield	Springfield	May	3,1985	21,592	
Day, Robert A.	Springfield	1 26	_	_	l   Springfield	May	3,1985	21,593	
Klebe, Michael E.	Riverton	26	_	=	6 MG Springfield	May	3,1985	21,594	
Hart, Mitcheel J.	Riverton	1 27	_	l Ogden, UT	6 Md Springfield	May	3,1985	21,595	
Pinto, John G.	Springfield	27	June	Wheeling, W. VA	1   Springfield	May	3,1985	21,596	
Hudgins, Steve R.	Williamsville	30	Dec.	Springfield	l   Springfield	May	3,1985	21,597	
Kirby, Richard L.	Williamsville	22	_	Effingham	1   Springfield	May	3,1985	21,598	
Woodrum, Bradley S.	Athena	24	Dec. 29, 1960	Springfield	1   Springfield	May	3,1985	21,599	
Fowler, Steven J.	Cantrall	1 28	_	Springfield	1   Springfield	May	3,1985	21,600	
Sisson, Harvey S.	Riverton	30	Feb. 19,	Chicago	1   Springfield	May	3,1985	21,601	
Thompson, Jamie L.	Mason City	30	Dec. 24,	Lincoln	l   Springfield	May	3,1985	21,602	
Keller, Bruce A.	Springfield	21	July 31,	Taylorville	1   Springfield	May	3,1985	21,603	
Thompson, Randy P.	Williamsville	1 27	_	Springfield	1   Springfield	May	3,1985	21,604	
Lowe, Billy E.	Mason City	29	Aug. 30, 1955	Lincoln	1   Springfield	May	3,1985	21,605	
Rockford, Robert N.	Springfield	1 25	July 17, 1959	Springfield	1   Springfield	May	3,1985	21,606	
Campbell, James R.	Springfield	43	Nov. 29, 1941	Springfield	1   Springfield	May	3,1985	21,607	
Gleason, James L.	Elkhart	22	Aug. 5, 1962	Springfield	1   Springfield	May	3,1985	21,608	
Ryan, Michael J.	Springfield	29	Dec. 24, 1955	Springfield	1   Springfield	May	3,1985	21,609	
Hamby, Ronald A.	Panama	37	Jan. 7, 1948	Hillsboro	1   Litchfield	May	4,1985	21,610	
Hill, Lyle E.	Staunton	35	Dec.	Westchester, PA	l   Litchfield	May	4,1985	21,611	
Manning Bill E.	Virden	1 25	May ]	Benton	1   Litchfield	May	4,1985	21,612	
Ovington, Craig A.	Thayer	34	_	Springfield	l   Litchfield	May	4,1985	21,613	
Girten, James W.	Uniontown, KY	23	_	Corydon, IN	3 1/2 Harriaburg	May	6,1985	21,614	
Porter, Jimmy G.	Marion, KY	43	_	Marion, KY	_	May	6,1985	21,615	
Schlegel, Melvin S.	New Baden	23	_	Akron, OH	4   Harrisburg	May	6,1985	21,616	
McCormick, Aubrey L.	Clay, KY	27	_	_	6 1/2 Harrisburg	May	6,1985	21,617	
Alexander, Jeffery	Carmi	27			7 1/2 Harrisburg	May	6,1985	21,618	
Adams, Larry J.	Carmi	7 7			I Harrisburg	May	6,1985	21,619	
Ziegler, Robert B.	Harrisburg	35		Ξ.	1   Harrisburg	May	6,1985	21,620	
McDaniel, Murl J.	Clinton, IN	19		_	3   Coulterville	May	8,1985	21,621	
Vernon, Virginia L.	Okawville	37		_	1   Coulterville	May	8,1985	21,622	
Tso, Gilbert P.	Carterville	35	March 30,	Gallup, New Mexico	1   Johnston City	May	9,1985	21,623	
Nolet, Marc E.	Princeton, IN	78	March 22,	_	1   Mt. Carmel	May	11,1985	21,624	
McGlasson, Paul W.	Mt. Carmel	77	July 12,	Jacksonville	1   Mt. Carmel	May	11,1985	21,625	
Mathis, James L.	Mt. Carmel	42	Feb. 13, 1	_	1   Mt. Carmel	May	11,1985	21,626	
Workman, Michael A.	Mt. Carmel	78	April 30,	_	1   Mt. Carmel	May	11,1985	21,627	
Devore, Arnold W.	Mt. Carmel	38	_	_	1   Mt. Carmel	May	11,1985	21,628	
Brillhart, Randall G.	Mt. Carmel	31		Macomb	1   Mt. Carmel	May	11,1985	21,629	
Heath, Bernard W.	Adaire	23	Oct. 23, 1931	Astoria	1   Mt. Carmel	May	11,1985	21,630	
Denny, Jeffery G.	Harrisburg	54	Sept. 29, 1960	Eldorado	6 MC Eldorado	June	5,1985	21,631	
					•				

77.0	21,635	21,636	21,637	21,638	21,639	21,640	21,641	21,642	21,643	21,644	21,645	21,646	21,647	21,648	21,649	21,650	21,651	21,652	21,653	21,654	21,655	21,656	21,657	21,658	21,659	21,660	21,661	21,662	21,663	21,004	21,666	21.667	21,668	21,669	21,670	21,671	21,672	21,673	21,674	21,675	
5,1985   21,633		_		_	_	_	_	_			_	_	_	_	_	_				_	_	_	_	_						15 1985   21	-	_	_	_	_	_	-	_	-	16,1985   21	
																							_	_							1										
June	June	June	June	June	June	June	June	June	June	June	June	June	June	June	June	June	y   June	June	June	June	June	June	June	June	June	June	June	June	June	June	1010	July	July	July	July	July	July		_	y   July	
6 MO Eldorado	6 MO Eldorado	1 Eldorado	1   Eldorado	Eldorado	6 DuQuoin	10 Benton	2 Benton	1   Mt. Carmel	1   Mt. Carmel	1   Mt. Carmel	7   Mt. Carmel	1   Mt. Carmel	1   Mt. Carmel	1   Mt. Carmel	1   Mt. Carmel	2   Mt. Carmel	20   Johnston City	1   Taylroville	6 MC Springfield	1   Springfield	1   Springfield	6 MO Springfield	1   Springfield	l   Springfield	6 MO Springfield	6 MO Springfield	6 MC Springfield	l Litchfield	Litchfield	f litebhiald	1 Freehire	1   Harrisburg	5   Harrisburg	1 Harrisburg	4   Mt. Carmel	5   Herrin	5 Benton	6 MO Springfield	1   Coulterville	6 MO Johnston City	
Morganfield, KY		Sullivan, IN	Beckley, W. Va.	Marion	DuQuoin	Grand Rivers, KY	Henderson, KY	Macomb	Macomb	Huntsville	Madisonville, KY	Carmi	Waukegan	Olney	Greenville, KY	Owensboro, KY	Morganfield, KY	Taylorville	Cleveland, OH	Springfield	Springfield	Columbus, GA	Springfield	Edmonson, AK	Rapid City, S.D.	Spokane, WA	Ava	Springfield	St. Louis, MO	Licenield	Bellavilla	Eldorado	Fulton, KY	Waukegan	Owensboro, KY	Herrin	Battlecreek, MI	Jefferson City, MO	Red Bud	Marion	
May 10, 1951   Feb. 6, 1951   Amril 17, 1961	Oct. 6, 1954	Dec. 23, 1964	July 15, 1940	Sept. 26, 1948	Sept. 20, 1956	Feb. 6, 1952	May 6, 1958	March 17, 1946	March 6, 1942	Feb. 17, 1935	March 13, 1947	Aug. 22, 1961	Dec. 23, 1961	July 14, 1945	June 25, 1949	Aug. 8, 1954	April 23, 1940	Feb. 20, 1958	July 19, 1961	Nov. 17, 1965	March 31, 1963	March 14, 1960	July 12, 1950	June 27, 1948	Jan. 25, 1959	Feb. 13, 1958	May 1, 1959		Jan. /, 1960	Dec. 10, 1960	April 20 1059	Nov. 7. 1931	July 9, 1954	Feb. 8, 1954	Jan. 11, 1956	May 10, 1960	_	_	August 22, 1963   Red Bud	Oct. 11, 1960   Marion	
* * *	3 8	20	77	36	78	33	1 27	36	43	2	38	23	23	39	32	30	45	1 27	1 23	61	1 22	25	34	36	7 7	27	26	21	5 6	† Ş	2 2	23	30	31	1 29	1 25	53	1 26	1 21	24	
Sturgis, KY   Morganfield, KY	McLeansboro	Shawneetown	Carmi	Marion	Dowell	Henderson, Ky	Henderson, KY	Mt. Carmel	Macomb	Rushville	Hanson, KY	_	Clay, KY	Carmi	Sacremento, KY	Princeton, IN	Morganfield, KY	Taylorville	Springfield	Springfield	Springfield	Williamsville	Springfield	Springfield	Williamson	Springfield	Springfield	Trenton	Shipman	to Eronb fort	Addieville	Eldorado	Morganfield	Raleigh	Beaver Dam, KY	Carterville	Benton	Williamsville	Coulterville	Marion	
Day, Jerry R. Jiley, Leonard E.	Rose, David G.	Capps, Randy F.	Ackerman, Lionel D.	Lilly, Peter B.	Suerkle, Frank L.	Davis, Douglas W.	Hazelwood, Byron M.	Cross, Larry E.	oster, Herbert	Shelts, Charles V.	Suckett, Harry L.		Parker, Marshall D., Jr.	Childress, Wallace D.	Pendleton, Larry T.	Daugherty, Sandra L.	Steward, Jerry W.	White, Brion W.	lacoby, James B.	Capranica, Victor J.	Hullman, Brad A.	landers, Patrick S.	Miller, Kenneth E.	Kittrell, Larry B.	dansen, Robert W.	Wallace, Jeffrey M.	Schmidt, John F.	Spicer, Robert E.	aylor, Donald	carney, kondid D.	Greek Charles C	Thompson. William H.	Tright Lonnie L.	Pearce, Gene E.	Daugherty, James S.	Collins, Harry D., Jr.	Ainslie, Joseph L.	ancaster, Eric M.	Seetley, Dale L.	Webb, James Joseph	

Grain   Grant   Gran	Haddock, Kathleen G.	Fairview	1 40	March	March 27, 1945		E. St. Louis		Freeburg	Aug.	1,1985		9,1
Norrison	Tucker, Sharon A.	Nashville	77		20, 1930		ed bud	<b>-</b> -	Freedurg	Aug	1,1985		- 0
Norris City   35   Dec. 11, 1949   Evanaville, IN   1   Benton   Aug. 2, 1955	neld, Michael	Cermi			25, 193		rmi		Renton	Aug	2 1985		0 0
Sturgis, KŸ   22   Dec. 25   1962   Washington, D.C.   2   Hr. Carmel   Aug. 3, 1985	ston. David A.	Norris City	35		11, 1949	-	vansville, IN	-	Benton	Aug.	2,1985	-	. 0
Union Count, KY   31 July 27, 1954   Union Cross, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City, KY   H. Carmel   Aug. 3,1955   Central City   Certificated   Aug. 3,1955   Central City	art, Tony A.	Sturgis, KY	1 22	_	25, 1962	-	ashington, D.C.	7	Mt. Carmel	Aug.	3,1985		33
Union Town, KY	els, Jerry R.	Carmi	31	July	27, 1954	-	armi	-	Mt. Carmel	Aug.	3,1985	-	32
Creenville, KY	, Joseph	Union Town, KY	32	-	, 1953	ň	nion Town, KY	œ _	Mt. Carmel	Aug.	3,1985		33
Greenville, KY   51 June 24, 1934   Cleaton, KY   1   Hr. Carmel   Aug. 3,1955	ins, James Louis	Central City, KY	77	-	3, 1941	Ö	entral City, KY	_	Mt. Carmel	Aug.	3,1985		34
Greenville, KY   44 June 22, 1944   Cleaton, KY   1   Ht. Carmel   Aug. 3,1955	rtson, Bobbie Joe	Cleaton, KY	- 51	June	4, 1934	<u>ٽ</u>	entral City, KY	_	Mt. Carmel	Aug.	3,1985	_	35
Bechmont, KY   52 Feb. 14, 1933   Breazer, KY   1 Ht. Carmell Aug. 3,1955	, Claudean	Greenville, KY	77	_	22, 1941	5	leaton, KY	-	Mt. Carmel	Aug.	3,1985	_	96
Bellmont   56   March 12, 1928   Bellmont   Aug. 19455   Bellmont   Schrift   1928   Bellmont   Schrift   1928   Bellmont   Schrift   1928   Bellmont   Aug. 19455   Bellmont   Schrift   1928   Springfield   Aug. 19485   Springfield   A	t, Dorris Lee	Beechmont, KY	52	_	4, 1933	-	benezer, KY	<del>-</del>	Mt. Carmel	Aug.	3,1985	_	37
Germi 30 Merch 18, 1955   Pinckneyille   1 Hit. Carmel Aug. 3,1955   Sper. 1, 1951   Springfield Aug. 3,1955   Springfie	der, James C.	Bellmont	26	_	12, 192	-	reman, KY	7	Mt. Carmel	Aug.	3,1985	_	88
Percy   26 Sept. 27, 1958   Pinckneyville   1   Dugoin   Aug. 6,1955   Springfield   24   Dec. 26, 1960   Lacrode, Pa   6   MG pringfield   Aug. 9,1985   Springfield   24   Dec. 26, 1960   Lacrode, Pa   6   MG pringfield   Aug. 9,1985   Springfield   Aug. 9,1985   Auburn   31   July 24, 1956   Springfield   1   Springfield   Aug. 9,1985   Auburn   34   Oct. 2, 1950   Springfield   1   Litchfield   Aug. 9,1985   Auburn   25   March   11,1960   Cavina, CA   1   Litchfield   Aug. 9,1985   Armersville   25   March   11,1960   Cavina, CA   1   Litchfield   Aug. 9,1985   Farmersville   25   Dec. 3, 1961   Popler Bluff, MO   Litchfield   Aug. 9,1985   Farmersville   25   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1985   Farmersville   26   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1985   Aug. 27, 1962   Aug. 10,1985   Aug. 27, 1962   Aug. 27, 1962   Aug. 27, 1963   Aug. 27, 1963   Aug. 27, 1964   Aug. 27, 1965   Aug.	anan, Danny E.	Carmi	-	_	18, 195		Leansboro	-	Mt. Carmel	Aug.	3,1985	_	39
Springfield	er, Don S.	Percy	1 26	_	27, 195	_	inckneyville	-	DuQuoin	Aug.	6,1985		00
Springfield   24   Dec. 26, 1960   Larcade, Pa   1   Springfield   Aug. 9,1955     Anburn   Anburn   24   Dec. 17, 1954   Springfield   1   Springfield   Aug. 9,1955     Anburn   24   Dec. 12, 1950   Springfield   1   Springfield   Aug. 9,1955     Uirching   25   Dec. 12, 1930   Virdem   1   Litchfield   Aug. 9,1955     Virdem   25   Dec. 23, 1959   Taylorville   1   Litchfield   Aug. 9,1955     Farmeraville   25   Dec. 33, 1959   Taylorville   1   Litchfield   Aug. 9,1955     Farmeraville   25   Spp. 16   1951   Aug. 10,1955     Farmeraville   25   Spp. 16   1951   Aug. 10,1955     Farmeraville   25   Spp. 16   1952   Marion, KY   1   Litchfield   Aug. 9,1955     Farmeraville   25   Spp. 16   1952   Marion, KY   1   Litchfield   Aug. 9,1955     Farmeraville   25   Spp. 16   1952   Strubuis, HO   1   Litchfield   Aug. 9,1955     Farmeraville   25   Spp. 16   1952   Strubuis, HO   1   Litchfield   Aug. 9,1955     Carmi   25   May 9, 1955   Ration, KY   1   Litchfield   Aug. 9,1955     Carmi   25   May 9, 1955   Ration, KY   1   Litchfield   Aug. 9,1955     Carmi   25   May 9, 1955   Ration, KY   1   Litchfield   Aug. 9,1955     Carmi   25   May 9, 1955   Ration, KY   1   Litchfield   Aug. 19,1955     Carmi   25   May 9, 1955   Ration, KY   1   Lidorado   Aug. 12,1955     Carmi   25   Cart. 19,195   Ration, KY   1   Lidorado   Aug. 12,1955     Carmi   26   Aug. 10,195   Ration, KY   1   Lidorado   Aug. 12,1955     Carmi   27   Datus, KY   1   Lidorado   Aug. 12,1955     Carmi   28   Cat. 26, 1957   Ration, Lova   5   Sasaer   Aug. 14,1955     Carmi   29   Cat. 26, 1957   Ration, Lova   5   Sasaer   Aug. 14,1955     Carmi   29   Cat. 26, 1957   Ration, Lova   5   Sasaer   Aug. 14,1955     Carmi   20   Cat. 26, 1957   Ration, Lova   6   Cat. 26, 1955     Harrisburg   28   Cat. 26, 1957   Ration, Lova   6   Cat. 26, 1955     Harrisburg   29   Cat. 26, 1954   Ration, Lova   1   Carmi   1   Carmi   1   Cat. 26, 1955     Cat. 26, 1957   Ration, Lova   1   Carmi   2   Cat. 26, 1955     Cat. 26, 1957   Ration, Cat. 26,	ley, Paul David	Springfield	33	-	1, 1951	-	pringfield	_	Springfield	Aug.	9,1985	-	=
Springfield   Aug. 1955   Coba   Springfield   Aug. 9,1955     Abburn   31   July 24, 1955   Springfield   Aug. 9,1955     Divernon   34   Oct. 5, 1950   Springfield   Ilithfield   Aug. 9,1955     Virden   25   Dec. 12, 1950   Springfield   Ilithfield   Aug. 9,1955     Farmersville   22   Dec. 3, 1961   Popler Bluff   Mol. 1   Lithfield   Aug. 9,1955     Farmersville   23   Aug. 22, 1962   Parion, KY   Ilithfield   Aug. 9,1955     Farmersville   24   Jan. 2, 1961   Popler Bluff   Mol. 1   Lithfield   Aug. 9,1955     Farmersville   24   Jan. 2, 1961   Harion, KY   Ilithfield   Aug. 9,1955     Farmersville   25   Aug. 22, 1962   Harion, KY   Ilithfield   Aug. 9,1955     Farmersville   26   Jan. 10, 1952   Ex. Louis   Mol. 1   Lithfield   Aug. 9,1955     Farmersville   26   Aug. 24, 1967   Harion, KY   Ilithfield   Aug. 9,1955     Farmersville   26   March   Molsonville, KY   Ilithfield   Aug. 9,1955     Farmersville   26   March   Molsonville, KY   Ilithfield   Aug. 9,1955     Farmersville   26   March   Molsonville, KY   Ilithfield   Aug. 12,1955     Farmersville   26   March   Molsonville, KY   Ilithfield   Aug. 12,1955     Farmersville   27   Aug. 12,1956   Morganifield, KY   Ilithfield   Aug. 12,1955     Farmersville   28   Aug. 24,1957   Mapleton, Iowa   Sasser   Aug. 13,1955     Farmersville   29   Aug. 21,1956   Prinaburg   Sasser   Aug. 14,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 3,1955     Farmersville   29   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Harrisburg   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marciaburg   Sept. 4,1955     Farmersville   20   Aug. 21,1956   Prinaburg   Marcia	ey, Edward G.	Springfield	7		26, 1960	-	scrode, Pa	-	Springfield	Aug.	9,1985	_	5
Abburn   A	on, Jose C.	Springfield	59	_	17, 1955	-	ıba	9		Aug.	9,1985		33
Diversion   34   Oct. 25, 1950   Virden   1   Litchfield   Aug. 9,1955	s, Mark D.	Auburn	31		24, 1954	-	pringfield	-	Springfield	Aug.	9,1985		7
Virden   S4   Dec. 12, 1930   Virden   1   Litchfield   Aug. 9,1955     Farmeraville   23   Dec. 5, 1951   Poplar Bluff, MO   1   Litchfield   Aug. 9,1955     Farmeraville   23   Dec. 5, 1951   Poplar Bluff, MO   1   Litchfield   Aug. 9,1955     Farmeraville   24   Aug. 22, 1952   Marion, KY   1   Litchfield   Aug. 9,1955     Farmeraville   24   Aug. 22, 1958   Marion, KY   1   Litchfield   Aug. 9,1955     Farmeraville   25   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1955     Farmeraville   26   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1955     Farmeraville   26   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1955     Farmeraville   26   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1955     Feb. 12, 1949   Attention   1   Litchfield   Aug. 9,1955     Feb. 12, 1949   Attention   1   Litchfield   Aug. 9,1955     Feb. 12, 1949   Attention   1   Litchfield   Aug. 12,1955     Feb. 12, 1949   Philadelphia   Philad	rone, Michael F.	Divernon	34	_	5, 1950	-	pringfield	-	Litchfield	Aug.	9,1985		2
Ginerd   23   March 11, 1960   Cavina, CA   Litchfield   Aug. 9, 1955     Farmeraville   23   Dec. 3, 1961   Poplar Bluff, MO   Litchfield   Aug. 9, 1965     Taylorville   22   Dec. 31, 1959   Taylorville   1   Litchfield   Aug. 9, 1965     Farmeraville   24   Jan. 2, 1962   Harion, KY   Litchfield   Aug. 9, 1965     Farmeraville   24   Jan. 2, 1961   Harion, KY   Litchfield   Aug. 9, 1965     Horrisonville   26   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9, 1965     Horrisonville   26   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9, 1965     Carmi   28   Aug. 10, 1952   St. Louis, MO   Litchfield   Aug. 9, 1965     Carmi   29   Horganifield, KY   Litchfield   Aug. 9, 1965     Norris City   27   Dec. 4, 1977   Horganifield, KY   Lidorado   Aug. 12, 1965     Sturgis, KY   28   Oct. 26, 1954   Harrisburg   Sept. 3, 1965     St. Louis, MO   28   Cet. 26, 1954   Harrisburg   Sept. 3, 1965     St. Louis, MO   28   Cet. 26, 1956   Pittaburg, PA   Receburg   Sept. 3, 1965     Harrisburg   28   Luny 3, 1965   Pittaburg, PA   Receburg   Sept. 3, 1965     Harrisburg   28   July 3, 1957   Harrisburg   Receburg   Sept. 3, 1965     Harrisburg   29   July 3, 1957   Harrisburg   Recepurg   Sept. 4, 1965     Harrisburg   29   July 3, 1956   Harrisburg   Recepurg   Sept. 4, 1965     Conterville   31   July 26, 1946   Harciburg, RA   Recepurg   Sept. 4, 1965     Conterville   44   Sept. 12, 1946   Harciburg, RA   Recepurg   Sept. 4, 1965     Conterville   56   Sept. 25, 1968   Harciburg   Sept. 4, 1965     Harciburg   28   July 3, 1956   Harciburg   Red Bud   Sept. 4, 1965     Harciburg   29   Sept. 2, 1946   Harciburg   Red Bud   Sept. 4, 1965     Harciburg   29   Sept. 2, 1946   Harciburg   Red Bud   Sept. 3, 1965     Harciburg   29   Sept. 2, 1946   Harciburg   Red Bud   Sept. 3, 1965     Harciburg   29   Sept. 2, 1946   Harciburg   Red Bud   Sept. 3, 1965     Harciburg   20   Sept. 2, 1946   Harciburg   Red Bud   Sept. 3, 1965     Harciburg   20   Sept. 2, 1946   Harciburg   Red Bud   Sept. 3, 1965	, William R.	Virden	> 24	_	12, 1930	_	irden	-	Litchfield	Aug.	9,1985		96
Francesville   23   Dec. 3, 1961   Popler Bluff, MO   Litchfield   Aug. 9,1955     Francesville   23   Aug. 22, 1962   Marion, KT   Litchfield   Aug. 9,1965     Framecsville   24   Jan. 2, 1961   Marion, KT   Litchfield   Aug. 9,1965     Framecsville   25   Sept. 16, 1968   Marion, KT   Litchfield   Aug. 9,1965     Horrisoaville   26   Sept. 16, 1968   Taylorville   Litchfield   Aug. 9,1965     Videa   10   Litchfield   Aug. 9,1965   Taylorville   Litchfield   Aug. 9,1965     Carmi   10   Litchfield   Aug. 9,1965     Carmi   10   Litchfield   Aug. 9,1965     Carmi   10   Litchfield   Aug. 9,1965     Carmi   10   Litchfield   Aug. 9,1965     Norriso City   20   March 19, 1964   Atton   Litchfield   Aug. 19,1965     Norriso City   20   March 19, 1965   Marganoboro   Litchfield   Aug. 12,1965     Sturgis   KY   28   Oct. 26, 1956   Marganofield   KY   Litchfield   Aug. 12,1965     St. Louis   NO   26   Feb. 12, 1969   Mapleton, Iowa   Sasaer   Aug. 13,1965     St. Louis   NO   26   Feb. 12, 1969   Philadelphia, PA   Receburg   Sept. 3,1965     St. Louis   NO   28   Oct. 26, 1967   Harrisburg   Sept. 3,1965     Harrisburg   28   July 2, 1963   Harrisburg   Receburg   Sept. 3,1965     Conterville   29   July 2, 1964   Marcoutcah   Louis   Conterville   Sept. 4,1965     Marcoutch   29   Aug. 26, 1964   Marcoutcah   Louis   Conterville   Sept. 4,1965     Aug. 20   Aug. 20, 1964   Marcoutcah   Louis   Conterville   Sept. 4,1965     Aug. 20   Aug. 20, 1964   Marcoutcah   Louis   Conterville   Sept. 5,1985     Aug. 20   Aug. 20, 1964   Marcoutcah   Louis   Conterville   Sept. 5,1985     Aug. 20   Aug. 20, 1964   Marcoutcah   Louis   L	ume, James P.	Girard	- 25	_	11, 196	-	svina, CA	-	Litchfield	Aug.	9,1985		7
Taylorville   23   Dec. 33, 1959   Taylorville   1   Litchfield   Aug. 9,1955     Farmersville   24   Jan. 2, 1961   Harion, KY   1   Litchfield   Aug. 9,1955     Farmersville   24   Jan. 2, 1961   Harion, KY   1   Litchfield   Aug. 9,1955     Farmersville   25   Sept. 16, 1958   Taylorville   1   Litchfield   Aug. 9,1955     Virden   31   Jan. 10, 1952   St. Louis, MO   1   Litchfield   Aug. 9,1955     Carmi   23   Aug. 2, 1962   Alton   1   Litchfield   Aug. 9,1965     Carmi   24   Jan. 10, 1952   St. Louis, MO   1   Litchfield   Aug. 9,1965     Carmi   25   Feb. 12, 1949   Alton   1   Litchfield   Aug. 9,1965     Norris City   26   Markonville   KY   1   Eldorado   Aug. 12,1965     Sturgis, KY   26   Oct. 26, 1956   Horganfield, KY   1   Eldorado   Aug. 12,1965     Culler   34   Jan. 24, 1951   Harisburg   5   Sesser   Aug. 14,1965     St. Louis, MO   25   Reb. 12, 1949   Philadelphia, PA   1   Freeburg   Sept. 3,1965     St. Louis, MO   26   Reb. 22, 1956   Philadelphia, PA   1   Freeburg   Sept. 3,1965     Harrisburg   22   Aug. 21, 1956   Pittaburg, RA   1   Harrisburg   Sept. 3,1965     Harrisburg   22   Aug. 21, 1956   Harrisburg   Sept. 3,1965     Harrisburg   23   Aug. 21, 1954   Harrisburg   Sept. 3,1965     Harciburg   24   Aug. 21, 1954   Harrisburg   Sept. 3,1965     Harrisburg   24   Aug. 21, 1954   Harrisburg   Sept. 4,1965     Coulterville   37   July 26   1954   Harrisburg   Sept. 4,1965     Harcontah   44   Sept. 12, 1940   Hascoutah   1   Gormic   Sept. 4,1965     Face   10   Coulterville   Sept. 3,1956   Pitaburg   Sept. 3,1956     Face   10   Aug. 11,1960   Sept. 3,1956   Sept. 3,1956     Face   10   Aug. 11,1960   Sept. 3,1956   Sept	erson, Donald L.	Farmersville	- 23	_	5, 1961	-		-	Litchfield	Aug.	9,1985	_	8
Frencesville   23 Aug. 22, 1962   Marion, KY   1 Litchfield Aug. 9,1985   Morrisonville   24 Jan. 2, 1962   Marion, KY   1 Litchfield Aug. 9,1985   Morrisonville   26 Sept. 16, 1958   Taylorville   1 Litchfield Aug. 9,1985   Morrisonville   26 Sept. 16, 1958   Taylorville   1 Litchfield Aug. 9,1985   Morrisonville   27 Mar. 10, 1952   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 9,1985   Morrisonville   1 Litchfield Aug. 12,1985   Morrisonville   2 Sept. 3,1985   Morrisonville   2 Sept. 3,1985   Morrisonville   2 Sept. 3,1985   Morrisonville   1 Litchfield Aug. 13,1985   Morrisonville   1 Litchfield Aug. 14,1985   Morrisonville   1 Litchfield Aug. 18,1984   Morrisonville   1 Litchfield Aug. 18,1984   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville   1 Litchfield Aug. 19,1985   Morrisonville Aug. 19,1985   Mor	on, Jerry E.	Taylorville	1 25	_	31, 1959	-	aylorville	_	Litchfield	Aug.	9,1985	_	60
Remensaville   24   Jan. 2, 1961   Marion, KY   1   Litchfield   Aug. 9,1955     Worrisonville   26   Sept. 16, 1928   Taylorville   1   Litchfield   Aug. 9,1955     Wildepie   31   Edw. 10, 1922   St. Louis, MO   1   Litchfield   Aug. 9,1955     Gillespie   32   Fab. 12, 1944   Alcionville   KY   1   Eldorado   Aug. 12,1955     W. Carmi   21   Jan. 14, 1964   Marisonville   KY   1   Eldorado   Aug. 12,1955     Worris Gity   26   March 19, 1955   McLeansboro   1   Eldorado   Aug. 12,1955     Worris Gity   28   Cet. 26, 1947   Marisonville   KY   1   Eldorado   Aug. 12,1955     Stuggis, KY   28   Cet. 26, 1947   Marrisburg   5   Sesser   Aug. 12,1955     St. Louis, MO   36   Feb. 12, 1940   Philadelphia, PA   1   Freeburg   Sept. 3,1955     St. Louis, MO   25   Aug. 21,1956   Prinaburg, PA   1   Freeburg   Sept. 3,1955     St. Louis, MO   28   Cet. 26, 1943   Philadelphia, PA   1   Freeburg   Sept. 3,1955     St. Louis, MO   28   Cet. 26, 1945   Philadelphia, PA   1   Freeburg   Sept. 3,1955     Harrisburg   22   July 3, 1954   Harrisburg, PA   1   Carmi   Sept. 4,1956     Harrisburg   22   July 3, 1954   Harrisburg, PA   1   Carmi   Sept. 4,1956     Waverly, KY   31   July 28, 1954   Marcoutch   1   Carmi   Sept. 4,1956     Maccoutcath   44   Sepp. 12, 1940   Maccoutch   1   Conterville   Sept. 3,1985     Sept. 3,1985   Sept. 3,1985   Sept. 3,1985   Sept. 3,1985     Waverly, KY   31   July 28, 1954   Maccoutch   1   Conterville   Sept. 3,1985     Sept. 3,1985   Sept. 3,1985   Sept. 3,1985   Sept. 3,1985     Waverly, KY   31   July 28, 1954   Maccoutch   1   Conterville   Sept. 3,1985     Waverly, KY   Sept. 3,1986   Maccoutch   1   Conterville   Sept. 3,1985     Waverly, KY   Sept. 3,1985   Maccoutch   1   Conterville   Sept. 3,1985     Waverly, KY   Sept. 3,1985   Maccoutch   1   Conterville   Sept. 3,1985     Waverly, KY   Sept. 3,1985   Maccoutch   1   Conterville   Sept. 3,1985     Waverly, KY   Sept. 3,1985   Maccoutch   1   Conterville   Sept. 3,1985     Waverly, KY   Sept. 3,1985   Maccoutch   1   Cont	on, F.Jason	Farmersville	73		22, 1962	-	arion, KY	_	Litchfield	Aug.	9,1985		0
Morrisonville   26 Sept. 16, 1958   Tryloville   1 Litchfield   Aug. 9,1958     Wirden   31 Jan. 10, 1922   St. Louis, MO   1 Litchfield   Aug. 9,1958     Gillespie   35 Feb. 12, 1949   Alton   1 Litchfield   Aug. 9,1958     Gormi   21 Jan. 14, 1945   Morganifeld, KY   1 Eldorado   Aug. 12,1958     W.   Garmi   21 Jan. 14, 1945   Morganifeld, KY   1 Eldorado   Aug. 12,1958     Worris City   22 Dec. 4, 1957   Peducah, KY   1 Eldorado   Aug. 12,1958     Stugis, KY   28   Oct. 26, 1956   Morganifeld, KY   1 Eldorado   Aug. 12,1958     Stugis, KY   28   Oct. 26, 1957   Peducah, KY   1 Eldorado   Aug. 12,1958     St. Louis, MO   28   Aug. 14,1958   Morganifeld, KY   1 Eldorado   Aug. 12,1958     St. Louis, MO   25   Aug. 24, 1951   Marisburg   5 Sesser   Aug. 14,1958     St. Louis, MO   25   Aug. 21, 1956   Philadelphia, PA   1 Freeburg   Sept. 3, 1955     St. Louis, MO   28   Aug. 21, 1956   Pitraburg, PA   1 Freeburg   Sept. 3, 1955     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmi   Sept. 4, 1955     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmi   Sept. 4, 1955     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmi   Sept. 4, 1955     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmi   Sept. 4, 1955     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmi   Sept. 4, 1955     Mascoultah   44   Sepp. 12, 1940   Mascoutah   1   Golferville   Sept. 5, 1955     Sept. 3, 1955   Sept. 3, 1955   Sept. 3, 1955   Sept. 3, 1955     Sept. 3, 1955   Sept. 3, 1955   Sept. 3, 1955   Sept. 3, 1955     Sept. 4, 1955   Sept. 3, 1955   Sept. 3, 1955   Sept. 3, 1955   Sept. 3, 1955     Sept. 3, 1955   Sep	on, Floyd K.	Farmersville	74	_	2, 1961	_	arion, KY	-	Litchfield	Aug.	9,1985	_	-
Viriden   31   Jan 10, 1922   St. Louis, MO   1   Litchfield   Aug 9, 1985	s, David L.	Morrisonville	7		16, 195		aylorville	-	Litchfield	Aug.	9,1985	_	7
Gilleapie   36 Feb. 12, 1949   Alton   I Litchfield   Aug. 9, 1955	k, Gary M.	Virden	33		10, 1952	-	t. Louis, MO	-	Litchfield	Aug.	9,1985	_	3
Carmii   23   May 9, 1962   Morganfield, KY   1   Eldorado   Aug. 12,1965	is, Michael C.	Gillespie	36		12, 1949	-	lton	_	Litchfield	Aug.	9,1985	_	7(
W. Germi         21 Janua 14, 1964         Madisonville, KY         1 Eldorado         Aug. 12,1983           Norris City         26 March 19, 1959         McLeansboro         1 Eldorado         Aug. 12,1963           Norris City         28 Oct. 26, 1957         Peducah, KY         1 Eldorado         Aug. 12,1963           Cutter         34 Jan. 24, 1957         Preducah, KY         1 Eldorado         Aug. 12,1963           Suckner         37 Dec. 26, 1951         Marrisburg         5 Sener         Aug. 14,1965           St. Louis         36 Feb. 12, 1954         Philadelphia, PA         1 Erceburg         Sept. 3,1963           St. Louis         36 Feb. 12, 1966         Pittaburg, PA         1 Freeburg         Sept. 3,1963           St. Louis         36 Ect. 26, 1956         Pittaburg, PA         1 Freeburg         Sept. 3,1963           St. Louis         36 Ect. 26, 1956         Pittaburg, PA         1 Freeburg         Sept. 3,1963           Harrisburg         22 Aug. 9, 1953         Herrisburg         1 Cami         Sept. 3,1963           Harrisburg         23 July 2, 1954         Herrisburg, PA         1 Cami         Sept. 4,1965           Harrisburg         23 July 2, 1954         Herrisburg         1 Cami         Sept. 4,1965           Harrisburg	son, Kenneth D.	Carmi	73		, 1962	-	organfield, KY	_	Eldorado	Aug.	12,1985	_	2
Worris City         26 Hacks 1979         Hedenaboro         1 Eldorado         Aug.         12,1953           Sturgis, Kr         28 Oct. 26, 1956         Horganfield, KY         1 Johnston City         Aug. 14,1953           Cutler         34 Jan. 24, 1951         Haplecon, Iowa         5 Sesser         Aug. 14,1963           Buckner         37 Dec. 24, 1957         Harrisburg         5 Sesser         Aug. 14,1963           Sr. Louis, MO         28 Aug. 21, 1969         Philadelphia, PA         1 Freeburg         Sept. 3,1963           Sr. Louis, MO         28 Aug. 21, 1969         Irandover Hills, MD         1 Freeburg         Sept. 3,1963           Harrisburg         22 Aug. 21, 1969         Irach Huute, IN         1 Hereiburg         Sept. 3,1963           Harrisburg         22 Aug. 31, 3954         Harrisburg, RA         1 Geria         Sept. 4,1963           Harrisburg         28 July 3, 1957         Harrisburg, RA         1 Geria         Sept. 4,1963           Maverly, KY         31 July 28, 1954         Harrisburg         Red Bud         Horganfield, KY         1 Geria           Coulterville         44 Sepp. 12, 1940         Haacoutah         1 Geria         Sept. 4,1965	inger, Phillip W.	Carmi	7		14, 1964	-	adisonville, KY	_	Eldorado	Aug.	12,1985	_	90
Norris Gity   27   Dec. 4, 1957   Patucah, KY   1   Eldorado   Aug. 12, 1953     Sturgis, KY   28   Oct. 26, 1956   Morganifiedt, KY   1   Eldorado   Aug. 12, 1953     Cutter   31   Jan. 24, 1951   Marieburg   5   Sesser   Aug. 14, 1965     St. Louis, MO   36   Feb. 12, 1949   Philadelphia, PA   1   Freeburg   Sept. 3, 1985     St. Louis, MO   25   Aug. 21, 1966   Pittaburg, PA   1   Freeburg   Sept. 3, 1985     St. Louis, MO   28   Gott. 26, 1956   Pittaburg, PA   1   Freeburg   Sept. 3, 1985     St. Louis, MO   28   Gott. 26, 1956   Pittaburg, PA   1   Freeburg   Sept. 3, 1985     Harrisburg   22   Aug. 3, 1957   Harrisburg, PA   1   Carnis   Sept. 3, 1985     Harrisburg   31   July 28, 1954   Morganified, KY   1   Carnis   Sept. 4, 1965     Mascoultah   44   Sepp. 12, 1940   Mascoultah   1   Goulterville   Sept. 3, 1985     Mascoultah   44   Sepp. 12, 1940   Mascoultah   1   Goulterville   Sept. 3, 1985     Sept. 3, 1985   Mascoultah   1   Goulterville   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985     Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 1985   Sept. 3, 198	hell, Phillip A.	Norris City	7 7	_	19, 195	_	Leansboro	_	Eldorado	Aug.	12,1985	_	7
Sturgis, KY   28 Oct. 26, 1956   Horganfield, KY   1 Johnston City Aug. 13, 1985     Cutler   34 Jan. 24, 1947   Harrisburg   5 Sesser   Aug. 14, 1985     Buckner   37 Dec. 24, 1947   Harrisburg   5 Sesser   Aug. 14, 1985     St. Louis, MO   36 Feb. 12, 1949   Philadelphia, PA   Freeburg   Sept. 3, 1985     St. Louis, MO   28 Oct. 26, 1956   Larre Haute, IN   I Herrisburg   Sept. 3, 1985     Harrisburg   22 Hays, 1995   Price Haute, IN   I Herrisburg   Sept. 3, 1985     Harrisburg   28 July 3, 1957   Harrisburg   I Germin   Sept. 4, 1985     Coulterville   37 July 28 1954   Horganfield, KY   I Gramin   Sept. 4, 1985     Hascoluth   44 Sepp. 12, 1940   Hascoluth   I Goulterville   Sept. 5, 1985	ines, Roy H.	Norris City	27		4, 1957	-	aducah, KY	-	Eldorado	Aug.	12,1985	_	8
Outlet	idan, Philip A.	Sturgis, KY	78		26, 1956	-	organfield, KY	-	Johnston City	-	13,1985	_	6(
Buckner   31   Dec. 24, 1947   Harrisburg   5   Sesser   Aug. 14,1955   St. Louis, MO   36   Feb. 12, 1949   Philadelphia, PA   1   Freeburg   Sept. 3,1955   St. Louis, MO   25   Aug. 21, 1950   Landover Hills, MD   1   Freeburg   Sept. 3,1955   St. Louis, MO   28   Cat. 26, 1956   Pittsburg, PA   1   Freeburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harrisburg   Sept. 3,1955   Harcoutah   44   Sept. 12,1954   Harcoutah   1   Conterville   Sept. 5,1955	son, Donald L.	Cutler	34	_	24, 1951	-	apleton, Iowa	2	Sesser	Aug.	14,1985	_	0.
St. Louis, MO   36   Feb. 12, 1949   Philadelphia, PA   1   Freeburg   Sept. 3,1955     St. Louis, MO   28   Acr. 26, 1956   Landover Hills, MD   1   Freeburg   Sept. 3,1955     St. Louis, MO   28   Acr. 26, 1956   Pittaburg, PA   1   Freeburg   Sept. 3,1955     Harrisburg   22   May 9, 1963   Terre Haute, IN   1   Harrisburg   Sept. 3,1951     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmia   Sept. 4,1965     Waverly, KY   31   July 28, 1954   Morganfield, KY   1   Garmi   Sept. 4,1965     Mascoutenh   44   Sept. 12, 1940   Mascoutenh   1   Conterville   Sept. 5,1985	as, Lloyd L.	Buckner	37	Dec.	24, 1947	-	arrisburg	2	Sesser	Aug.	14,1985	_	=
St. Louis, MO   25   Aug. 21, 1960   Landover Hills, MD   1   Freeburg   Sept. 3,1955     St. Louis, MO   28   Oct. 26, 1956   Pittaburg, PA   1   Freeburg   Sept. 3,1955     Harrisburg   22   May 9, 1963   Terre Haute, IN   I   Harrisburg   Sept. 3,1957     Harrisburg   28   July 3, 1957   Harrisburg   I   Carmi   Sept. 4,1965     Waverly, KY   31   July 28, 1954   Horganicid, KY   I   Carmi   Sept. 4,1965     Coulterville   37   June 26, 1948   Red Bud   6   MG   Coulterville   Sept. 5,1985     Mascoulah   44   Sept. 12, 1940   Mascoulah   I   Coulterville   Sept. 5,1985	ow, Sheila H.	St. Louis, MO	36	_	12, 1949	_	hiladelphia, PA	-	Freeburg	Sept.			12
St. Louis, MO   28   Oct. 26, 1956   Pittaburg, PA   1   Freeburg   Sept. 3,1955     Harrisburg   22   May 9, 1963   Terre Haute, IN   1   Harrisburg   Sept. 3,1985     Harrisburg   28   July 3, 1957   Harrisburg   1   Garmi   Sept. 4,1965     Waverly, KY   31   July 28, 1954   Horganfield, KY   1   Garmi   Sept. 4,1965     Coulterville   37   June 26, 1946   Rea Bud   6   MC Coulterville   Sept. 5,1985     Mascoucah   44   Sept. 12, 1940   Mascoucah   1   Coulterville   Sept. 5,1985	r, Hilde M.		- 25	_	21, 1960	=	andover Hills, MD	-	Freeburg	Sept.			
Harrisburg   22 May 9, 1963   Tere Haute, IN   1 Harrisburg   Sept. 3,1955     Harrisburg   28 July 3, 1957   Harrisburg   1 Garmi   Sept. 4,1965     Waverly, KY   31 July 28, 1954   Horganiced, KY   1 Garmi   Sept. 4,1965     Goulerville   37 June 28, 1954   Hascoute   1 Garmi   Sept. 4,1965     Mascoute   44 Sept. 12, 1960   Mascoute   1   Goulerville   Sept. 5,1953	man, Ellen S.		- 28	_	26, 1956	=	ittsburg, PA	_	Freeburg	Sept.			14
Harrisburg	in, Ronald D.	Harrisburg	1 22	_	, 1963	-	erre Haute, IN	-	Harrisburg	Sept.			51
Waverly, KY   31   July 28, 1954   Morganfield, KY   1   Garmi   Sept. 4,1985     Coulterville   37   June 26, 1948   Red Bud   6 MO Coulterville   Sept. 5,1985     Mascoutsh   44   Sept. 12, 1940   Mascoutsh   1   Coulterville   Sept. 5,1985	op, Mary Jo	Hsrrisburg	- 28	_	3, 1957	_	arrisburg	_	Carmi	Sept.			91
Coulterville   37   June 26, 1948   Red Bud   6 MG  Coulterville   Sept. 5,1985     Mascoutah   1   Coulterville   Sept. 5,1985     Mascoutah   1   Coulterville   Sept. 5,1985	on, Robert L.	Waverly, KY	31	-	28, 1954	-		-	Carmi	Sept.			1
Mascoutah   44   Sept. 12, 1940   Mascoutah   1   Coulterville   Sept. 5,1985	fer, Tommie L.	Coulterville	37	-	26, 1948	_	ed Bud	9	O Coulterville	Sept.			80
	h, Benjamin L.	Mascoutsh	77	_	12, 194	_	ascoutah	_	Coulterville	Sept.		_	6]

Monroe, Vera J.	Sparta	41	Jan. 12, 1944	Chicago		Coulterville	Sept.	5,1985	21,720	
Liske, Andrew J.	OKAWVILLE	17		Nashville	⊶ .	Coulterville	Sept.	5,1985		
Uninter Dale M	Dinckness; 11e	67	Sept. /, 1955	Champaign	٦ (	I Herrin	Sept.	6,1985	21,122	
Smothers Arvel Dean	Benton	97		Benton	-	Benton	Sant.	10,1707	21, 123	
Hall, Thomas R.	McLeansboro	33		Salem	٠,	Bentoo	Sept.	10,1985	21,724	
Hammonds, Leroy A.	Cahokia	26	_	St. Louis, MO	-	Benton	Sept.	10,1985	21,726	
Patterson, Kerry Duane	Pawnee	28	_	Owensboro, KY	4	Taylorville	Sept.	12,1985	21,727	
Oglesby, Clinton W.	Williamsville	29	Aug. 9, 1956	Springfield	-	Springfield	Sept.	13,1985	21,728	
Givens, Mark E.	Marissa	32	April 18, 1953	Owensboro, KY	-	Freeburg	Oct.	1,1985	21,729	
Geary, Alan D.	Steeleville	28	Sept. 13, 1957	Hartford, Ky	-	Freeburg	Oct.	1,1985	21,730	
Napier, Bobby	Coulterville	40	July 28, 1945	Kenvir, KY	<b>~</b>	Freeburg	Oct.	1,1985	21,731	
Brown, Kevin A.	St. Louis, MO	31	March 26, 1954	St. Louis, MO	-	Freeburg	Oct.	1,1985		
Mueller, Richard D.	Columbia	26	Nov. 5, 1958	Belleville	-	Freeburg	Oct.	1,1985		
McComas, Marvin	Crossville	35	Sept. 12, 1950	Independence, MO	-	Herrin	Oct.	4,1985		
Fico, Michael D.	Bonnie	30	April 26, 1955	Mt. Vernon	-	Benton	Oct.	4,1985	21,735	
Davey, Steven L.	Benton	28	July 18, 1957	Christopher	-	Benton	Oct.	4,1985	21,736	
Mercer, Charles D.	Ft. Branch, IN	48	June 17, 1937	Galesburg	-	Mt. Carmel	Oct.	5,1985	21,737	
Bragg, Nolan E.	Waverly, KY	20	Dec. 9, 1964	Bluefield, W.Va.	-	Eldorado	Oct.	7,1985	21,738	
Collins, Fred W.	Sturgis, KY	41	Sept. 22, 1944	Sturgis, KY	-	Eldorado	Oct.	7,1985	21,739	
Shirley, Raymond E.	Madisonvile, KY	31	April 26, 1954	Louisville, KY	00	Eldorado	Oct.	7,1985		
Burnette, James L.	Waverly, KY	34	June 27, 1951	Morganfield, KY	_	Eldorado	Oct.	7,1985		
Harbour, Thomas J.	Enfield	34	June 28, 1951	Laurium, MI	-	Eldorado	Oct.	7,1985	21,742	
Whitlock, H. Dewayne	Eldorado	22	Aug. 23, 1963	Eldorado	_	Eldorado	Oct.	7,1985	21,743	
Odum, Mark Alan	Harrisburg	54	Dec. 31, 1960	Harrisburg	9	5 MO Eldorado	Oct.	7,1985		
Martin, Danny II	Carmi	22	July 3, 1963	Evansville, IN	-	Eldorado	Oct.	7,1985		
McBride, Jeffrey A.	Posey, IN	22	April 4, 1963	Evansville, IN	-	Eldorado	Oct.	7,1985	21,746	
Jackson, Richard L.	Crossville	31	July 4, 1954	Lebanon, VA	-	Eldorado	Oct.	7,1985	21,747	
Wright, William	Morganfield, KY	41	June 2, 1944	Sturgis, KY	15	Eldorado	Oct.	7,1985	21,748	
Griffin, Keith M.	Eldorado	21	Jan. 19, 1964	Eldorado	-	Eldorado	Oct.	7,1985	21,749	
Deibler, John K.	Sturgis, KY	23	Dec. 1, 1961	A.F.B., MA	-	Eldorado	Oct.	7,1985	21,750	
Mitchell, Steve G.	Harrisburg	29	July 4, 1956	Chicago	7	Eldorado	Oct.	7,1985	21,751	
Cotter, Thomas E.	Galatia	36	April 11, 1949	Harrisburg	_	Eldorado	Oct.	7,1985	21,752	
Collins, Randall A.	Clay, KY	27	_	Providence, KY	-	Eldorado	Oct.	7,1985	21,753	
Scott, Morse	Harrisburg	19	_	Eldorado	-	Eldorado	Oct.	7,1985	21,754	
Matthew, William D.	Mt. Auburn	42		Taylorville	-	Springfield	Nov.	1,1985	21,755	
Kelley, Terry L.	_	28	_	Springfield	~	Springfield	Nov.	1,1985	21,756	
Wilham, George Larry Jr.	Mt. Pulaski	27	_	Decatur	-	Springfield	Nov.	1,1985		
Olgesby, Kris E.	Decatur	2	_	Clinton	-	Springfield	Nov.	1,1985		
Allen, Theresa	Mason City	35	_	Springfield	-	Springfield	Nov.	1,1985		
Martin, Robert T.	Pawnee	42	_	Pittsfield	-	Springfield	Nov.	1,1985		
Webb, Donald P., Jr.	Litchfield	26		St. Louis, MO	-	Litchfield	Nov.	1,1985		
Baker, Jane E.	Mt. Carmel	70		Princeton, IN	9	Mt. Carmel	Nov.	2,1985	21,762	
Duke, Greg S.	DeSoto	74	Dec. 27, 1960	Murphysboro	-	Herrin	Nov.	4,1985	21,763	

21,764   21,765   21,767   21,767   21,768   21,770   21,777   21,777   21,775   2
4,1985 4,1985 4,1985 5,1985 5,1985 5,1985 6,1985 6,1985 6,1985 6,1985 6,1985 6,1985 17,1985 7,1985 12,1985 13,1985 14,
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Herrin   Herrin   Herrin   Herrin   Herrin   Herrin   Garmi   Carmi   Carmi   Carmi   Carmi   Carmi   Carmi   Carmi   Carmi   Carmi   Carmi   Harrisburg   Harr
Garbondale Benton West Frankfort Harion Illocado Jeffersonville, IN Chicago Chicago Bacton Chicago Carni Herrin Harrisburg Bladorado Carni Herrisburg Bringfield Springfield
34 June 23, 1951 28 March 9, 1965 39 March 9, 1965 36 Oct. 4, 1978 36 July 30, 1931 44 Aug. 12, 1951 25 Nov. 10, 1950 36 Aug. 1, 1951 27 March 15, 1966 28 March 16, 1967 39 Aug. 21, 1957 29 March 17, 1954 20 July 7, 1951 20 July 7, 1951 21 May 23, 1952 22 June 18, 1953 23 May 23, 1953 24 Oct. 5, 1961 25 June 18, 1953 26 July 7, 1951 27 May 23, 1960 28 June 18, 1953 31 Dec. 7, 1953 32 June 18, 1953 33 June 18, 1953 34 Oct. 5, 1961 35 June 18, 1953 36 May 13, 1953 37 June 18, 1953 38 May 13, 1953 38 May 13, 1953 39 May 13, 1953 31 Dec. 7, 1953 31 Dec. 7, 1953 32 June 18, 1953 33 June 18, 1953 34 Oct. 5, 1961 35 June 18, 1953
Elkville W. Frankfort Wes Frankfort Marion Harrisburg Omsha Evansville, IN Carni Carni Carni Carni Marion Harrisburg Harrisburg Flankfort Flankfort Carni Spingfield Spingfield Sesser New Memphis New Memphis New Memphis Contactive New Memphis Contactive New Memphis Contactive New Memphis Contactive Steelville
Dean, Lonnie E. Todd, George M. Fozzolare, Tong. Moultrie, Moses, Jr. Vallace, Steven K. Shoulders, Duane Beard, Gregory G. Martin, Daniel F., I Connaway, Robert D. Connaway, Robert D. Connaway, Robert D. Connaway, Robert D. Connaway, Robert D. Connaway, Robert D. Connaway, Robert D. Ragan, Daniel C. Scheckles, Dwain V. Volkert, Roy E. Weatherly, Tim M. Boehme, Kevin D. Pipper, Timochy P. Allen, Jeffrey L. Serg, Brian C. Simpson, Mark D. Kuhl, Kenneth V. Williams, Danny W. Couless, Mark Bruno, Louis A.

### REPORT OF MINERS' EXAMINING BOARD -- 1985 DUPLICATE UNDERGROUND CERTIFICATES ISSUED, NAME, DATE AND FEES COLLECTED

### REPORT OF MINERS' EXAMINING BOARD DUPLICATE CERTIFICATES ISSUED: NAMES, DATES & FEES COLLECTED

		Certificat	e Fees
Date	Name	Number	Collected
January 3, 1985	Morthland, John W.	5307	\$2.00
ebruary 8, 1985	Ray, Edgar	18,579	\$2.00
ebruary 25, 1985	Evans, Monte R.	19,465	\$2.00
larch 7, 1985	Garrett, Richard	19,630	\$2.00
larch 11, 1985	Foster, Donald J.	17,869	\$2.00
farch 11, 1985	Chandler, Kenneth A.	13,392	\$2.00
pril 3, 1985	Couty, David L.	19,744	\$2.00
pril 18, 1985	Johnson, Larry K.	13,485	\$2.00
lay 16, 1985	Rushing, Douglas K.	18,798	\$2.00
lay 20, 1985	Jackson, Raymond	8185	\$2.00
uly 23, 1985	Fox, William I.	9849	\$2.00
ugust 11, 1984	Todd, Joe	9999	\$2.00
eptember 25, 1985	Hewitt, Gary L.	10,987	\$2.00

CERTIFICATES ISSUED BY MINERS' EXAMINING BOARD -- SHAFT-SLOPE WORKER -- 1985

							3	Date of Cort.	Cort
	Post Office				0.001-14-14	Years	Frn   Examination	Examination No.	No.
Name of Applicant	Address	Age	Age   Date of Birth		Direnpiace	-			
				-		OR Y	operate on 7	Feb. 6. 1985	0617
Bohy Lanny J.	Eldorado	56	Sept. 19, 19	958 Ba	26   Sept. 19, 1958   Barnesville, UH	, v	Mol Eldorado	Feb. 6, 1985   0618	0618
Heath Stephan J.	Carmi	53	Sept. 7, 19		ansville, in	<b>1</b>	Mol Benton	June 7, 1985	0619
Horn, Paul R.	West Frankfort	21	August 27,19	963   As	hburn, vA	5			

### DEPARTMENT OF MINES & MINERALS

### TRAINING DIVISION

### **EMPLOYEES**

ARTHUR JOE WILLIAMS 715 Susan Esther St. Coordinator Instructor

Benton, Illinois 62812

JUNE COGGINS Sesser, Illinois 62884 Clerk-Typist

### GENERAL DESCRIPTION TRAINING DIVISION DEPARTMENT OF MINES AND MINERALS

The Department, in 1971, established the Safety Training Division to provide instruction for miners in the safety aspect of coal mining and to implement any new training objectives that might be desirable and feasible. The Division consists of two full-time state mine inspectors, two part-time state mine inspectors, two part-time state mine inspectors, two secretaries and a training coordinator. Instruction is offered at 10 to 12 different locations throughout the state, normally at state or public offices

Although the training is available to all coal miners, the instruction is attended primarily by those personnel desiring to obtain certificates of competency as mine examiner, mine manager, hoisting engineer, state mine inspector, surface mine supervisors, and shaft and slope examiners and supervisors. Certification is required by law (Chapter 93, Illinois Revised Statutes) for those personnel holding such positions.

The instruction offered deals with first aid, mine rescue techniques, accident prevention, state and federal mining laws, ventila-

tion, roof and rib control, electricity, safety instrumentation, etc.

Upon conclusion of the course, which is held twice annually, the
Department (including the Mining Board) administers examinations, both oral and written, to those personnel desiring certificates.

The site for such examinations is at designated locations.

Under authority of the Federal Coal Mine Health and Safety Act of 1969, the Bureau of Mines (now referred to as MSHA in regard to regulation enforcement) established mandatory safety standards for the mining industry. In conjunction with these standards certain mine training requirements were established. Since state and federal objectives were similar, the Department applied for a federal grant in April of 1971. Grant approval was obtained and the first renumeration was received in April of 1972 based on the federal government reimbursing 80% of the funds which had been expended for training. The grant program has been extended from time to time. Progress reports, fund accounting, etc. are a part of the Division's function.

The Department trains and instructs, and also issues certificates of competency for metal mine foreman, metal mine hoisting engineer and state metal mine inspector. Examinations are also given to establish the proficiency of mine rescue station supervisors and their assistants.

# STATE MINING BOARD CERTIFICATES ISSUED 1985

NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	DATE OF EXAMINATION	CERT. NO.
	STA	STATE MINE INSPECTOR (METAL MINES)	(METAL MIN	ES)		
Darnell, Dennis R.	Cave-In-Rock	Hardin	30	Illinois	Oct. 24, 1985	7.2
		SHAFT & SLOPE SUPERVISOR	PERVISOR			
Pitchford, Robert W.	Mt. Vernon	Jefferson	33	Illinois	Oct. 24, 1985	199
	<b>.</b>	MINE RESCUE STATION SUPERVISOR	SUPERVISO	2		
Beechum, Don	Eldorado	Saline	43	Illinois	   Oct. 25, 1985	No *
George, Darrel	Tamaroa	Perry	67	Illinois	Oct. 25, 1985	No *
		MINE RESCUE STATION ASSISTANT	N ASSISTAN	1		
Bowers, Larry G.	Harrisburg	Saline	42	Indiana	Oct. 25, 1985	No #
Harms, Phillip Gerald	Carlinville	Macoupin	53	Illinois	Oct. 21, 1985	No &
Melvin, Paul Scott	West Frankfort	Franklin	23	Illinois	Nov. 22, 1985	No #

# STATE MINING BOARD CERTIFICATES ISSUED STATE MINE INSPECTOR 1985

					DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Roper, Roger D.	Arcola	Douglas	35	Illinois	厂	598
Wallace, Robert H.	Marissa	St. Clair	55	Illinois	15-16,	599
Underwood, Kim E.	Newman	Douglas	31	Illinois	Apr. 15-16, 1985	900
Minor, David E.	Benton	Franklin	30	Illinois	15-16, 1	109
Gwaltney, Terry L.	Equality	Gallatin	38	Illinois	15-16, 1	602
Sileven, G. Dennis	West Frankfort	Franklin	37	Illinois	24-25, 1	594
Woods, Michael L., Sr.	Pinckneyville	Perry	32	Illinois	24-25, 1	603

					DATE OF	CERT
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
200			37	Tous	April 12 1985	10402
Adams, Ihomas walter	Newman	Sergood	à	Tllinois	12	10403
Bernardini, Lekoy	Total	Christian	22	Tilinois	12,	10404
Blalas, Dart A.	Taylorville	Christian	3 %	Tilinois	12,	10405
Blalas, Dret A.	Carlinuille	Macourin	62	Tlinois	12.	10406
boston, Koland E.	Cillognia	Macoupin	20	Tilinois	12.	10407
Colonius Don R	Tavlorville	Christian	27	Illinois	12, 1	10408
Conner Frie	Arrhir	Douglas	24	Illinois	12, 1	10409
Dinardo Cormon M	Auburn	Sangamon	36	Illinois		10410
Durhin Daniel I.	Tavlorville	Christian	35	Illinois	12, 1	10411
Eblin, Ronald Dale	Tuscola	Douglas	53	Illinois	12, 1	10412
Elders, Kenneth W.	Girard	Macoupin	28	Illinois	12, 1	10413
Franklin, Stephen W.	Edinburg	Christian	53	Illinois	12, 1	10414
Fustin Gregory L.	Tuscola	Douglas	35	Illinois	12,	10415
Glover Everett C.	Raymond	Montgomery	56	Illinois	12, 1	10416
Grobosky, Stanley J.	Kincaid	Christian	38	Illinois	_	10417
Hammer Wayne D.	Tuscola	Douglas	35	Illinois	12, 1	10418
Huele Thomas E.	Breese	Clinton	27	Illinois	_	10419
Tones Michael D.	Lonoview	Champsien	53	Illinois	12, 1	10420
Lambert, Dennis Dean	Pawnee	Sangamon	33	Illinois	12, 1	10421
Little Dennis D.	Sparta	Randolph	25	Illinois	12, 1	10422
Long Dennis E.	Edinburg	Christian	34	Illinois	12, 1	10423
Lytle, James G.	Arcola	Douglas	23	Illinois	12, 1	10424
Magos, Danny J.	Pawnee	Sangamon	38	Illinois	12, 1	10425
Mann Darrell E.	Taylorville	Christian	30	Illinois	12, 1	10426
Middlemas, Michael R.	Chrisman	Edgar	77	Illinois	12, 1	10427
Millburg, Jeffery R.	Thayer	Sangamon	1 25	Illinois	12, 1	10428
Miloncus, Michael W.	Taylorville	Christian	30	Illinois	12,	10429
Myers, Mark E.	Gillespie	Macoupin	72	Illinois	12,	10430
Orr, Kenneth Eugene	Pawnee	Sangamon	30	Ohio	12,	10431
Pray, Dwight L.	Hillsboro	Montgomery	32	Illinois	12,	10432
Ramsey, Jon C.	Taylorville	Christian	31	Missouri	12,	10433
Riveria, Donald J.	E. St. Louis	St. Clair	39	Illinois	12, 1	10434
Robinson, Mark Steven	Carlinville	Macoupin	28	Illinois	12,	10435
Ross, Ray J.	Thayer	Sangamon	25	Illinois	12,	104.35
Schaffer, Jeffry F.	Springfield	Sangamon	30	Pennsylvania	12, 1	10437
Shanks, Patrick D.	Taylorville	Christian	29	Illinois	12, 1	10438
Sheridan, Kelly P.	Highland	Madison	33	Illinois	12,	10439
Sibert, Ronsld R.	Pocahontas	Clinton	32	Kansas	12, 1	10440
Smyth, Willard J.	Okawville	Washington	77	Illinois	12,	10441
Ulrich, Daniel O.	Bunker Hill	Macoupin	33	Illinois	April 12, 1985	10442

	_			_	DATE OF	CERT.
NAME	POST OFFICE	COUNTY	ACE	BIRTHPLACE	EXAMINATION	NO.
Vesper, Alan D.	Staunton	Macoupin	24	Illinois	April 12, 1985	10443
Walker, Michael J.	Springfield	Sangamon	27	Florida	April 12, 1985	10444
Walker, Phillip A.	Carlinville	Macoupin	32	Illinois	April 12, 1985	10445
Woodruff, Albert C.	Pawnee	Sangamon	35	Illinois	April 12, 1985	10446
Wynn, Robert E.	Oakland	Coles	28	Illinois	12,	10447
Askew, James D.	Marion	Williamson	59	Illinois	15,	10448
Austin, Roger K.	Harrisburg	Saline	23	Indiana	15,	10449
Bailey, James D.	Francisco, IN	Gibson	32	Indiana	.,	10450
Biby, Brian G.	Mulkeytown	Franklin	27	Illinois	15,	10451
Bloom, Kenneth E.	Sesser	Franklin	43	Ohio	15,	10452
Brasher, Gary D.	Harrisburg	Saline	59	Illinois	15,	10453
Breeden, Richard W.	West Frankfort	Franklin	28	Washington	15,	10454
Brown, Ronald K.	Carterville	Williamson	28	Illinois	15,	10455
Bungardner, John W.	Mt. Carmel	Wabash	38	West Virginia	15,	10456
Burnett, Deanna K.	Bluford	Jefferson	34	Illinois	15,	10457
Chandler, Kenneth A.	Marissa	St. Clair	31	Illinois	15,	10458
Clinton, Kevin L.	Wood lawn	Jefferson	56	Illinois	15,	10459
Conner, Lonnie H.	Benton	Franklin	59	Illinois	15,	10460
DeSomer, Donald	Mulkeytown	Franklin	28	Illinois	April 15, 1985	10461
Dozier, Carroll D.	Burnt Prairie	White	94	Illinois	15, 1	10462
Duncan, John D.	Herrin	Williamson	36	Illinois	15,	10463
Eubanks, Charles R.	Okawville	Washington	25	Illinois	15,	10464
Evilsizer, Brian N.	Christopher	Franklin	23	Illinois	15,	10465
Finley, Bruce E.	Johnston City	Williamson	34	Illinois	15,	10466
Free, Dorothy M.	Mt. Carmel	Wabash	36	Illinois	15,	10467
Gantner, John A.	Highland	Madison	28	Illinois	15, 1	10468
Carner, David A.	Carmi	White	30	Indiana	15, 1	10469
Good, Kurt E.	New Baden	Clinton	56	Pennsylvania	15,	10470
Hahn, Robert D.	Marissa	St. Clair	25	Illinois	15,	10471
Harrell, Richard K.	Benton	Franklin	30	Illinois	15,	10472
Harris, Dennis W.	Evansville, IN	Vandeburgh	31	Kentucky	15,	10473
Harris, James R.	Tamaroa	Perry	32	Illinois	15,	10474
Heard, David A.	Nashville	Perry	29	Illinois	15,	10475
Herrell, Steven	Thompsonville	Franklin	28	New Mexico	15,	10476
Hongsermeier, Allen D.	Belleville	St. Clair	41	Illinois	15,	10477
Hunt, David L.	Harrisburg	Saline	23	Illinois	15,	10478
Hunt, James F.	McLeansboro	Hamilton	38	Illinois	15, 1	10479
Hunter, Rickey E.	Marissa	St. Clair	30	Illinois	15,	10480
Jerdon, Harold W.	Mt. Vernon	Jefferson	27	Illinois	15,	10481
Jones, Terry E.	Herrin	Williamson	30	Illinois	15,	10482
Kathalynas, Martin J.	Benton	Franklin	25	Illinois	April 15, 1985	10483

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		***************************************			TO THE OF	CERI.
NAME	POST OFFICE	COUNTY	AGE -	BIRTHPLACE	EXAMINATION	NO.
Kirk, George B.	West Frankfort	Franklin	30	New Mexico	April 15, 1985	10484
Kirkpatrick, Alberta C.	Marissa	St. Clair	97	Illinois	15,	10485
Krupnik, Lawrence J.	0'Fallon	St. Clair	38	Michigan		10486
Little, Billy D.	Sparta	Randolph	848	Illinois	15, 1	10487
McBride, Donald W.	Pittsburg	Williamson	32	Illinois	15,	10488
McClerren, Charles R.	West Frankfort	Franklin	45	Illinois	15,	10489
McDannel, Wendell	Carterville	Williamson	26	Nevada	15,	10490
McGuire, Rhonda G.	Pittsburg	Williamson	25	Illinois	April 15, 1985	10491
Maynor, Steve G.	Elkville	Jackson	34	Illinois	15,	10492
Metcalf, Joe W.	Marissa	Washington	1 27	Illinois	15,	10493
Moffett, Martin J.	West Frankfort	Franklin	36	Illinois	April 15, 1985	10494
Mullins, Wm. David	Mt. Vernon	Jefferson	31	Kentucky	15,	10495
Oberg, Stuart I.	Evansville, IN	Vanderburgh	1 28	Missouri		10496
O'Neal, Dennis F.	Dix	Jefferson	1 26	Illinois	15,	10497
Orr, Charles N.	Marion	Williamson	36	Illinois	April 15, 1985	10498
Pillers, James L.	Ellis Grove	Randolph	1 26	Illinois	15,	10499
Pillers, William D.	Sparta	Randolph	67	Illinois	15,	10500
Price, David	Christopher	Franklin	34	Illinois	15,	10501
Price, Paul	Mulkeytown	Franklin	33	Illinois	15,	10502
Rennie, Michael D.	West Frankfort	Franklin	30	Illinois	15,	10503
Richardson, Marty E.	West Frankfort	Franklin	31	Illinois	15,	10504
Robinson, Richard C.	West Frankfort	Franklin	31	Illinois	15,	10505
Schlott, William D.	Beckemeyer	Clinton	1 27	Illinois	15,	10506
Severs, Richard A.	Mt. Vernon	Jefferson	62	Illinois	15,	10507
Stahl, Jack E.	Christopher	Franklin	45	Arkansas	15,	10508
Stearns, David J.	Oakdale	Washington	7 7	Missouri	15,	10509
Steckenrider, Charles W.	Whittington	Franklin	38	Illinois	15,	10510
Stiff, C. David	Mt. Vernon	Jefferson	39	Missouri	15,	10511
Stoner, Michael R.	Carterville	Williamson	32	Indiana	15,	10512
Tedrow, William D.	Benton	Franklin	84	Illinois	12,	10513
Thayer, Linda G.	Herrin	Williamson	41	Illinois	15,	10514
Tritschler, Jerry E.	DuQuoin	Perry	31	Colorado	15,	10515
	Calatia	Saline	25	Illinois	15,	10516
Turner, Wiley G.	Carrier Mills	Saline	22	Illinois	15,	10517
Vogler, Curtiss R.	Carmi	White	31	Illinois	15,	10518
Waller, Jerry L.	McLeansboro	Hamilton	38	Illinois	15,	10519
Whitten, Michael R.	Princeton, IN	Gibson	33	Indiana	15,	10520
Wilson, Jimmy L.	Galatia	Saline	32	Illinois	15,	10521
Winters, James D.	Harrisburg	Saline	27	Illinois	15,	10522
Karpakis, George J.	Springfield	Sangamon	29	Utah	April 12, 1985	10523

					· DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Bedinghaus, Mark S.	Virden	Macoupin	29	Illinois	Oct. 21, 1985	10524
Cloud, Lanny Ray	Gillespie	Macoupin	38	Missouri	Oct. 21, 1985	10525
Dennison, Jerry L.	Virden	Macoupin	38	Illinois	Oct. 21, 1985	10526
Hoover, James Michael	Nokomis	Montgomery	31	Illinois	Oct. 21, 1985	10527
Kocurek, Stephen J.	Stonington	Christian	ž	Illinois	_	10528
Lilly, Peter B.	Marion	Williamson	37	West Virginia	_	10529
Lorenz, Andrew	Shattuc	Clinton	25	Illinois	Oct. 21, 1985	10530
McCall, Michael J.	Nokomis	Montgomery	27	Illinois	Oct. 21, 1985	10531
McDice, Kenneth R.	Irving	Montgomery	27	Illinois	Oct. 21, 1985	10532
Oats, Delmar W.	Taylorville	Christian	39	Illinois	oct. 21, 1985	10533
Oit zman, Doug L.	Sherman	Sangamon	30	Iowa	Oct. 21, 1985	10534
Robinson, Curtis Eugene	Athens	Menard	34	Indiana	Oct. 21, 1985	10535
Smith, Bradley E.	Thayer	Sangamon	29	Illinois	Oct. 21, 1985	10536
Stapleton, Gordon	Taylorville	Christian	ž	Illinois	Oct. 21, 1985	10537
Weekly, Richard L.	Buffalo	Sangamon	56	Ohio	_	10538
Weidler, Paul R.	Mt. Olive	Macoupin	37	Illinois	Oct. 21, 1985	10539
Blair, Curtis H.	Cave-In-Rock	Hardin	36	Illinois	Oct. 24, 1985	10540
Bruns, Mark D.	Centralia	Marion	27	Illinois	Oct. 24, 1985	
Bulla, Deborah M.	Benton	Franklin	33	Illinois	Oct. 24, 1985	10542
Calvert, Patrick L.	Marissa	St. Clair	31	Illinois		
Carlton, Steve	Macedonia	Hamilton	27	Illinois	_	10544
Casseday, Ronald G.	Centralia	Marion	35	Illinois	_	10545
Cheatham, Randy L.	West Frankfort	Franklin	53	Illinois	Oct. 24, 1985	10546
Clark, Rich	Zeigler	Franklin	29	Illinois	_	10547
Collins, Harry D.	Carterville	Williamson	25	Illinois	Oct. 24, 1985	10548
Couty, David	Marion	Williamson	56	Illinois	Oct. 24, 1985	10549
Daugherty, James S.	Beaver Dam, KY	Ohio	29	Kentucky	Oct. 24, 1985	10550
Dearing, Harold	Harrisburg	Saline	29	Illinois		10551
Dodson, Dan R.	Marissa	St. Clair	28	Illinois	-	10552
Easton, Michael D.	DuBois	Washington	37	Missouri	Oct. 24, 1985	10553
Engel, Dale	New Athens	St. Clair	27	Illinois		10554
Eubanks, Randall L.	Sesser	Franklin	29	Illinois	Oct. 24, 1985	10555
Franklin, Bruce Don	Herrin	Williamson	31	Illinois		10556
Genisio, Steve A.	Benton	Franklin	29	Illinois		10557
Greene, Donald Ray	Fairfield	Wayne	31	Indiana		10558
Greene, Melinda	Fairfield	Wayne	24	Illinois	-	10559
Hale, Thomas V.	Marion	Williamson	35	Illinois		10560
Handkins, Darrel	Marion	Williamson	37	Illinois		10561
Heise, Michael W.	Akin	Franklin	29	Missouri	24,	10562
Henderson, Mollie	Carrier Mills	Saline	39	Illinois	Oct. 24, 1985	10563
Hitt, Dwight D.	Benton	Franklin	56	Illinois	Oct. 24, 1985	10564

STATE MINING BOARD CERTIFICATES ISSUED MINE EXAMINER 1985

					DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Holder, Michael	Christopher	Franklin	28	Illinois	Oct. 24, 1985	10565
Holtgrave, Kenneth G.	Highland	Madison	36	Illinois	Oct. 24, 1985	10566
Hughes, Keith D.	Stonefort	Williamson	27	Illinois	24, ]	10567
Jackson, Renita F.	Carrier Mills	Saline	38	Illinois	Oct. 24, 1985	10568
Jones, Charles R.	Carmi	White	40	Illinois	_	10569
Jones, Richard E.	Creal Springs	Johnson	30	Illinois	Oct. 24, 1985	10570
Lind, Kevin S.	O'Fallon	St. Clair	23	Illinois	Oct. 24, 1985	10571
Littlepage, Stephen R.	Norris City	White	31	Kentucky	_	10572
McClanahan, Terry L.	Mt. Carmel	Wabash	38	Indiana	Oct. 24, 1985	10573
Maxwell, Clay B.	Nashville	Washington	25	Indiana	_	10574
Mayhew, Michael W.	Marion	Williamson	28	Illinois	Oct. 24, 1985	10575
Minton, William G., Sr.	Zeigler	Franklin	29	Illinois	Oct. 24, 1985	10576
Moore, Sandra K.	Francisco, IN	Gibson	28	Indiana	Oct. 24, 1985	10577
Nail, Stephen D.	Centralia	Clinton	54	Illinois	Oct. 24, 1985	10578
Nehrt, Ricci D.	Sparts	Randolph	29	Virginia	Oct. 24, 1985	10579
Newton, Larry W.	Ridgway	Gallatin	22	Illinois	$\overline{}$	10580
Oakley, James C.	Red Bud	Monroe	77	Missouri	Oct. 24, 1985	10581
Pate, Robert A., Jr.	Harrisburg	Saline	27	Indiana	Oct. 24, 1985	10582
Perry, John L.	Marion	Williamson	07	Illinois	Oct. 24, 1985	10583
Petro, John P.	Sesser	Franklin	25	Illinois	Oct. 24, 1985	10584
Petties, Horton L.	Mt. Vernon	Jefferson	31	Minnesota		10585
Pillow, Joseph P.	McLeansboro	Hamilton	30	Tennessee	Oct. 24, 1985	10586
Pinski, Geraldine	Grayville	White	45	Illinois	Oct. 24, 1985	10587
Poelker, Thomas J.	Righland	Madison	32	Illinois	Oct. 24, 1985	10588
Rash, Derak J.	Eldorado	Saline	54	Illinois	Oct. 24, 1985	10589
Richerson, Curtis W.	Carrier Mills	Saline	42	Illinois	_	10590
Robeson, Bart J.	Evansville, IN	Vanderburgh	56	Indiana	Oct. 24, 1985	10591
Robinson, Tina M.	Hurst	Williamson	27	Illinois	24,	10592
Ryder, William P.	Carmi	White	37	Illinois	Oct. 24, 1985	10593
Saathoff, Annette L.	Carrier Mills	Saline	27	Illinois	_	10594
Schaefer, Robert L.	Belleville	St. Clair	25	Illinois	_	10595
Stowers, Gary L.	DuQuoin	Perry	34	Illinois	_	10596
Suemnicht, Leroy H.	Sparta	Randolph	27	Illinois	_	10597
Tebbe, Robert A.	Breese	Clinton	39	Illinois	-	10598
Thomas, Garry	Logan	Franklin	30	Illinois	24,	10599
Thomas, Lloyd L.	Buckner	Franklin	37	Illinois		10600
Wall, Peggy J.	Harrisburg	Saline	36	Illinois	54,	10601
Whitehead, Dennis W.	Marion	Williamson	31	Illinois	77,	10602
Winkler, James E.	Mt. Vernon	Jefferson	27	Illinois	24,	10603
Woomer, Timothy M.	Carmi	White	27	Ohio	oct. 24, 1985	10604

					DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Asbridge, Terrance E.	Taylorville	Christian	29	Missouri	April 12, 1985	6527
Berry, John W.	Home	Edgar	27	Illinois	April 12, 1985	6528
Devantier, Steven W.	Carlinville	Macoupin	35	Illinois	April 12, 1985	6529
Duckels, Daniel A.	Carlinville	Macoupin	28	Illinois	April 12, 1985	6530
Everley, Ronald D.	Irving	Montgomery	25	Illinois	April 12, 1985	6531
Hayes, Mark O.	Nokomis	Montgomery	30	Illinois	April 12, 1985	6532
Hendricks, Paul A.	Pawnee	Sangamon	37	Illinois	April 12, 1985	6533
Johnson, Leroy E.	Villa Grove	Douglas	38	Illinois	12, 1	6534
Johnson, Lloyd D.	Litchfield	Montgomery	32	Illinois	12,	6535
	Divernon	Sangamon	25	Indiana	April 12, 1985	6536
Kirsch, William J. Jr.	Athens	Menard	28	Illinois	April 12, 1985	6537
Lancaster, Del	Taylorville	Christian	37	Illinois	12,	6538
LeMay, Ted L.	Camargo	Douglas	35	Indiana	April 12, 1985	6239
McGuire, Philip M.	Kansas	Edgar	34	Indiana	12, 1	6540
Nowlan, Robert K.	Coffeen	Montgomery	25	Illinois	12,	6541
Potthoff, Jeffrey D.	New Douglas	Madison	28	Illinois	April 12, 1985	6542
Price, Robert L.	Taylorville	Christian	36	Illinois	April 12, 1985	6543
Robinson, Richard	Springfield	Sangamon	34	Illinois	April 12, 1985	6544
Zumwalt, Chris L.	Pawnee	Sangamon	28	Illinois	April 12, 1985	6545
Adams, David M.	Freeburg	St. Clair	32	Utah	16,	9799
Adams, Michael J.	Thompsonville	Williamson	26	West Virginia	16,	6547
Beiter, Dennis A.	Benton	Franklin	25	Pennsylvania	16,	6548
	Uniontown, KY	Union	33	Kentucky	16,	6249
Boatright, Kenneth W. Jr.	Albers	Clinton	25	Illinois	16,	6550
Bramel, Rex A. Jr.	Crossville	White	35	Illinois	16,	6551
Brines, Mark C.	Mt. Carmel	Wabash	33	Illinois	16,	6552
Brocaille, David L.	Tamaroa	Perry	35	Illinois	16,	6553
Burnett, Eulice C.	Bluford	Jefferson	34	Illinois	16,	6554
Coloni, Steven R.	Sesser	Franklin	29	Illinois	16,	6555
Conrad, David A.	Carmi	White	56	Kentucky	16,	6556
Costello, Allen J.	Sparta	Randolph	33	Illinois	16,	6557
Cotter, Donald G.	Thompsonville	Williamson	31	Illinois	16,	6558
Cremeans, James R.	Hazleton, IN	Pike	43	West Virginia	16,	6229
Crook, David A.	Belleville	St. Clair	30	Ohio	16,	0959
Crosley, Douglas C.		Williamson	34	Illinois	16, 1	6561
Crowell, Bobby W.	Providence, KY	Webster	45	Kentucky	16,	6562
Davis, David H.	Marion, KY	Crittenden	56	Kentucky	16,	6563
Denton, Thomas G.	Carbondale	Jackson	56	Ohio	16,	9959
Edmondson, Carroll G.	Sturgis, KY	Union	97	Kentucky	16,	6565
Flint, Alan F.	Mulkeytown	Franklin	32	Texas	16,	9959
Franklin, Danny L.	Mt. Vernon, IN	Posey	30	Kentucky	April 16, 1985	6567

					DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Fulton, Alton G.	Carmi	White	47	Kentucky	April 16, 1985	6568
Goldman, John M.	Eldorado	Saline	1 23	Illinois	April 16, 1985	6959
Gough, Dennis W.	Morganfield, KY	Union	31	Kentucky		6570
Halstead, John H.	West Frankfort	Franklin	* -	West Virginia	16, 1	6571
Hart, Orval A.	Benton	Franklin	43	Illinois	16, 1	6572
Henshaw, Thomas W.	Morganfield, KY	Union	53	Kentucky	16, 1	6573
Hills, Kevin S.	Newburgh, IN	Warrick	1 27	Indiana	16,	6574
Houck, George W.	Grayville	Edwards	37	Illinois	16, 1	6575
Hudson, Terry A.	Patoka, IN	Gibson	31	Indiana	16,	6576
Hughes, Donald B.	Harrisburg	Saline	25	Illinois	16, 1	6577
Hughes, James C. Jr.	Harrisburg	Saline	27	Illinois	16,	6578
Hughes, Ron	Harrisburg	Saline	25	Illinois	April 16, 1985	6259
Humphrey, Karl D.	Morganfield, KY	Union	29	Tennessee	April 16, 1985	6580
Kennedy, Lonnie K.	Freeburg	St. Clair	35	Indiana	16,	6581
King, Richard A.	Cutler	Perry	33	Illinois	16, 1	6582
Kirk, William P.	Sesser	Franklin	37	Illinois	16, 1	6583
Knight, Tom	Eldorado	Saline	7 26	Kansas	16, 1	6584
Kroenig, Jeff	Caseyville	St. Clair	29	'Illinois	16, 1	6585
Lee, Robert P.	McLeansboro	Hamilton	84	Illinois	16,	6586
Loomis, James M.	Carmi	White	29	Illinois	16,	6587
Luster, Carolyn S.	Benton	Franklin	39	Illinois	16,	6588
McKee, David M.	Mt. Vernon	Jefferson	38	Illinois	16,	6286
Marlow, Larry T.	Mt. Vernon	Jefferson	36	Illinois	16,	6590
May, Barry W.	Allendale	Wabash	31	Pennsylvania	16	6591
Meadows, John H.	Mt. Vernon	Jefferson	42	Illinois	16,	6592
Miller, Marvin D.	Eldorado	Saline	32	Illinois	16,	6593
Moore, Marvin R.	Norris City	White	37	Michigan	16,	6594
Myers, Thomas D. Jr.	Eldorado	Saline	27	Alabams	16,	6595
Newcom, Michael E.	Sturgis, KY	Union	33	Kentucky	16,	9629
Pesavento, Dominic J.	Carrier Mills	Saline	34	Illinois	16,	6597
Pfifer, James L.	Marion	Williamson	07	Missouri	16,	6598
Poston, David M.	Mt. Vernon	Jefferson	33	Illinois	16, 1	6659
Reichow, Richard J.	Sesser	Franklin	45	Wisconsin	16,	0099
Riffey, Roger L.	Marion	Williamson	7 7	Louisiana	16,	6601
Risley, Norman D.	Sesser	Franklin	31	Missouri	16,	6602
Roberts, Gary D.	Calatia	Saline	31	Illinois	16,	6603
Rone, Terry D.	Sesser	Franklin	32	Illinois	16,	9099
Schmitt, Terry J.	Ridgway	Gallatin	23	Illinois	16,	6605
Schuster, Robert W.	McLeansboro	Hamilton	20	Illinois	16,	9099
Scott, Richard A.	Carmi	White	1 27	Kentucky	16,	2099
Seidenstricker, David	Tamaroa	Perry	31	Illinois	April 16, 1985	8099

					DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Sharp, Stephen E.	Cutler	Perry	21	Illinois	April 16, 1985	6099
Sisco, Carl Edward	Eldorado	Saline	41	Illinois		6610
Skaggs, Frank P. IV	Raleigh	Saline	77	Illinois	April 16, 1985	6611
Smoot, John R.	Benton	Franklin	33	Illinois	April 16, 1985	6612
Stevens, John Clifford	Princeton, IN	Gibson	*	Indiana	April 16, 1985	6613
Sullivan, T. A. III	Harrisburg	Saline	23	Illinois	April 16, 1985	6614
Tabor, Stephen T.	W. Frankfort	Franklin	31	lllinois	April 16, 1985	6615
Tackett, Robert E.	Henderson, KY	Henderson	38	Kentucky	April 16, 1985	9199
Thomas, Mark A.	Sesser	Franklin	32	Illinois		6617
Thompson, Bruce E.	Ft. Branch, In	Gibson	31	Illinois	April 16, 1985	6618
Waldman, Bruce A.	Waltonville	Jefferson	26	Illinois	April 16, 1985	6199
Weaver, George P.	W. Frankfort	Franklin	36	Illinois		6620
Werner, Fredrick A.	New Athens	St. Clair	28	Texas	April 16, 1985	6621
Whaley, Ronald D.	Benton	Franklin	25	Illinois	16, 1	6622
Whisenhunt, Mark S.	Mt. Vernon	Jefferson	* -	Illinois		6623
Whittington, Patrick P.	Benton	Franklin	25	Illinois	16,	6624
Wilkas, Robert W.	Thompsonville	Williamson	*	Illinois	16, 1	6625
Williamson, Kemal	DuQuoin	Perry	25	W. Virginia	16,	6626
Woods, Ray	Norris City	White	38	Illinois	,	6627
Wright, Charles P.	Morganfield, KY	Union	38	Kentucky	April 16, 1985	6628
Wright, Kenneth W.	Morganfield, KY	Union	1 26	Kentucky	9	6629
Yeager, Larry E.	Belleville	St. Clair	31	Pennsylvania	April 16, 1985	6630
Boston, Roland E.	Carlinville	Macoupin	43	Illinois	Oct. 21, 1985	6631
Earnest, Virgil L.	Greenville	Bond	36	Missouri	Oct. 21, 1985	6632
Franklin, Stephen W.	Edinburg	Christian	1 29	Illinois	oct. 21, 1985	6633
Gilbert, Guy C.	Springfield	Sangamon	30	Missouri		6634
Grobosky, Stanley J.	Kincaid	Christian	38	Illinois	Oct. 21, 1985	6635
Hainaut, Edward W.	Livingston	Madison	30	Illinois	Oct. 21, 1985	9699
Hannan, Richard A.	Elkhart	Logan	27	Ohio		6637
Harrold, Robert L., Jr.	Taylorville	Christian	28	Illinois		6638
Karpakis, George J.	Springfield	Sangamon	30	Utah		6639
Miloncus, Michael W.	Morrisonville	Christian	30	Illinois		0799
Silverio, Samuel	Carlinville	Macoupin	32	Ohio		6641
Walker, Michael J.	Springfield	Sangamon	27	Florida		6642
Waters, Chester	Taylorville	Christian	4.7	Kentucky	Oct. 21, 1985	6643
Williams, Bobby J.	Taylorville	Christian	32	Kentucky	-	7799
Austin, Roger K.	Harrisburg	Saline	23	Indiana		999
Biby, Brian G.	Mulkeytown	Franklin	27	Illinois	Oct. 25, 1985	9799
Bloom, Kenneth E.	Sesser	Franklin	77	Ohio		2499
Brasher, Gary D.	Harrisburg	Saline	53	Illinois	Oct. 25, 1985	8799

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STATE MINING BOARD CERTIFICATES ISSUED MINE MANAGER 1985

CERT.	•	6799	9650	6651	6652	6653	6654	6655	9699	6657	8699	6699	0999	6661	6662	6999	7999	9999	9999	1999	8999	6999	0299	6671	6672	6673	9299	6675	9299	1199	8299	6299
DATE OF EXAMINATION		Oct. 25, 1985	Oct. 25, 1985	_	_	_	_	-	-	_					_			25,					Oct. 25, 1985		Oct. 25, 1985	_	Oct. 25, 1985			-	25,	Oct. 25, 1985
BIRTHPLACE		Pennsylvania	Illinois	Kentucky	Kentucky	Illinois	Kentucky	Illinois	Illinois	Illinois	Illinois	Illinois	Tennessee	Illinois	Kentucky	Kentucky	Illinois	Illinois	Illinois	Illinois	Illinois	Illinois	Illinois	Missouri	Illinois	Illinoia	Illinois	Illinois	Illinois	Indiana	Illinois	Illinois
AGE		27	35	37	59	56	33	36	30	23	33	30	35	25	29	63	32	949	7 7 7	25	7 43	788	37	29	37	30	38	**	26	31	33	27
COUNTY		Madison	Jefferson	Union	Union	Franklin	Gallatin	Franklin	Williamson	Franklin	Saline	White	Franklin	Franklin	Posey	Franklin	Williamson	Franklin	Williamson	Franklin	Franklin	Washington	Franklin	Vanderburgh	Williamson	Franklin	Franklin	Williamson	Saline	Gallatin	Saline	Saline
POST OFFICE		Troy	Bluford	Morganfield, KY	Uniontown, KY	Thompsonville	Shawneetown	Valier	Johnston City	Christopher	Harrisburg	Carmi	W. Frankfort	Benton	Mt. Vernon, IN	W. Frankfort	Pittsburg	W. Frankfort	Pittsburg	W. Frankfort	Mulkeytown	Marissa	W. Frankfort	Evansville, IN	Marion	W. Frankfort	Whittington	Johnston City	Galatia	Equality	Galatia	Harrisburg
NAME		Brayshaw, Kevin S.	Burnett, Deanna Kay	Capps, James M.	Clevidence, Dennis W.	Crawford, Stanley E.	Dailey, Roger	Dawe, George K.	Dobbins, Douglas A.	Evilsizer, Brian N.	Fowler, Randall	Garner, David Allan	Gray, Larry E.	Kathalynas, Martin J.	Kenney, Larry D.	Lane, Elmer B.	McBride, Donald W.	McClerren, Charles R.	McGuire, Rhonda G.	McLain, James B.	Mandrell, Vernon R.	Metcalf, Joe W.	Moffett, Martin J.	Oberg, Stuart	Orr, Charles N.	Rennie, Michael D.	Steckenrider, Charles W.	Tolbert, Ronald	Turner, Darrell A.	Vincent, Grace E.	Wilson, Jimmy L.	Winters, James D.

## STATE MINING BOARD CERTIFICATES ISSUED ELECTRICAL HOISTING ENGINEER 1985

Anson, James L.  Barber, Lloyd David Broun, Iloyd David Broun, Lloyd David Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas E.  Broun, Ilonas Il	POST OFFICE thanicaburg ringfield verion filand fil	COUNTY Sangamon Sangamon Sangamon Douglas Sangamon Logan Douglas Sangamon Hacoupin Macoupin Macoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin Matecoupin	AGE 33	BIRTHPLACE Illinois Illinois	EXAMINATION	ION	NO.
i i i i i i i i i i i i i i i i i i i	field field field field field field field field field field field field field field field field field	Sangamon Mont gomery Sangamon Sangamon Sangamon Doug itas Sangamon Lioga Hoor gomery Boug itas Sangamon Hoor gomery Hoor gomery Hor	3, 30 33	Illinois	April 12	1985	
b	field on field field town field field field	Sangamon Mont gomery Sangamon Douglas Sangamon Logan Logan Bong gagar Mont gomery Mont gomery Hacoupin Mecoupin Mrietietian	888	Tilinois	der ende	-	2705
	on d field town a field field	Mont gomery Sangamon Doug las Sangamon Edgan Edgan Boug las Sangamon Chorgias Cangamon Christian	8 %		April 12,	1985	2706
Pi &	d field town a field field	Sangamon Douglas Douglas Logamon Logamon Logamon Honrgomery Moncouglas Sangamon Macoupin Macoupin	* 1	Illinois	April 12,	1985	2707
· · · · · · · · · · · · · · · · · · ·	field town a field field pie	Douglas Sangamon Edgar Mongomery Monglas Sangamon Macoupin Macoupin		Illinois	April 12,	1985	2708
* · ·	field town town field field pie	Sangamon Logan Edgan Hontgomery Douglas Sangamon Macoupin Macoupin	33	Illinois	April 12,	1985	2709
	a field field pie	Logan Edgar Edgar Douglas Sangamon Macoupin Macoupin Christian	54	Illinois	April 12,	1985	2710
	a field pie ponville	Edgar Montgomery Douglas Sangamon Macoupin Christian	31	Illinois	April 12,	1985	2711
	a field   pie	Montgomery Douglas Sangamon Macoupin Christian	34	Kentucky	April 12,	1985	2712
	field   pie	Douglas Sangamon Macoupin Macoupin Christian	27	Illinois	April 12,	1985	2713
	field   pie   pie	Sangamon Macoupin Macoupin Christian	30	Illinois	April 12,	1985	2714
	pie	Macoupin Macoupin Christian	31	Minnesota	April 12,	1985	2715
	pie	Macoupin	42	Washington	April 12,	1985	2716
	onville	Christian	37	Illinois	April 12,	1985	2717
_			33	Illinois	_	1985	2718
-	ville	Christian	31	Illinois	April 12,	1985	2719
Aitken, Bruce   Sparta	_	Randol ph	32	Illinois	April 16,	1985	2720
Arnold, James H.   Marissa	-	St. Clair	37	Kentucky	April 16,	1985	2721
Blackman, Terry G.   Harriaburg	burg	Saline	31	Illinois			2722
Blankenship, Aaron L.   Freeburg		St. Clair	28	Missouri	April 16,		2723
Cain, Rudy Van   Carmi	-	White	35	Indiana			2724
Castens, Robert I.   Venedy	_	Washington	30	Illinois			2725
Clark, Gregory Lee   Tilden	_	Randolph	53	West Virginia			2726
Clark, Sue Ann E.   Red Bud	_ P	Randolph	35	Illinois			2727
	_ P	Coles	53	Indiana		1985	2728
Cometto, David L.   Coulterville	rville	Randolph	30	Illinois			2729
Davenport, David W.   Mr. Vernon	ruou	Jefferson	31	Colorado	_		2739
_	_	Perry	56	Illinois			2731
Dumond, Roger A.   Coulterville	rville	Washington	34	Iowa	_		2732
Emery, Michael R.   Carrier Mills	r Mills	Saline	28	Illinois	_	1985	2733
Falmier, David A.   Carterville	ville	Williamson	27	Illinois		1985	2734
Gardner, Jackie S.   Princeton, IN	ton, IN	Indiana	56	Indiana	_	1985	2735
_	West Frankfort	Franklin	38	Illinois	_	1985	2736
Giacomo, Monte	rville	Perry	25	Illinois			2737
.N. P.	-	White	54	Kentucky			2738
Harbour, Thomas   Enfield		White	33	Michigan	_		2739
Hart, Lonnie Paul Valier	-	Franklin	25	Missouri			2740
Hilliard, Rick   Marion	_	Williamson	23	Illinois			2741
Houchins, George L. Haubstadt,	adt, IN	Gibson	38	Indiana	_		2742
Johnson, Donnie L.   Grayville	lle	Edwards	37	Kentucky	April 16,	1985	2743
Johnson, Noble Morris   Vincennes,	nes, IN	Knox	38	Indiana	16,	1985	2744
Johnston, Lane Finley   New Athens	hens	St. Clair	31	Ohio	April 16,	1985	2745

## STATE MINING BOARD CERTIFICATES ISSUED ELECTRICAL HOISTING ENGINEER 1985

					DATE OF	CERT.
NAME	POST OFFICE 1	COUNTY	AGE	BIRTHPLACE	FXAMINATION	NO
Keim, David F.	Marissa	St. Clair	36	Illinois	April 16, 1985	2746
Kirby, Sharon L.	Sparta	Randolph	07	Illinois	16, 1	2747
Lands, Gary W.	Harrisburg	Saline	31	Illinois	16, 1	2748
Leigh, Calvin	Coulterville	Randolph	42	West Virginia	16, 1	2749
Lloyd, Cletus Dale	Marissa	St. Clair	87	Illinois	16,	2750
Lloyd, Jim D.	Coulterville	Randolph	27	Illinois	16,	2751
Lloyd, Kenneth M.	Eldorado	Saline	28	Illinois	16, 1	2752
Loyd, Warren	Mt. Vernon	Jefferson	26	Illinois	16, 1	2753
Luehr, Dennis R.	Campbell Hill	Jackson	26	Illinois	16,	2754
McCord, Thomas L.	Carmi	White	39	Illinois	16,	2755
Martin, Clarence J.	Fort Branch, IN	Gibson	41	Indiana	16,	2756
Maynard, Ron	Harrisburg	Saline	41	Illinois	16, 1	2757
Mueth, Charles L.	Millstadt	St. Clair	36	Illinois	16,	2758
Owsley, Richard W. Jr.	West Frankfort	Franklin	36	Illinois	16,	2759
Parish, Wesley T.	Harrisburg	Saline	22	Illinois		2760
Reese, Michael H.	Sparta	Randolph	31	Illinois	16,	2761
Richard, Leslie N.	Bellmont	Wabash	29	Illiois	16,	2762
Smith, Mark H.	Herrin	Williamson	1 26	Illinois	16,	2763
Steinsultz, LeRoy D.	Harrisburg	Saline	4.5	Illinois	16,	2764
Storckman, Robert F.	Mt. Carmel	Wabash	30	Illinois	16,	2765
Stower, Dennis E., Sr.	Thompsonville	Franklin	35	Illinois	16,	2766
Throgmorton, Noreta	Sparta	Randolph	47	Illinois	91	2767
Whitehouse, Frank	Petersburg, IN	Pike	4.5	Indiana	April 16, 1985	2768
Wright, John A.	Marissa	St. Clair	777	Ohio		2769
Zeisler, Frederick W.	Princeton, IN	Gibson	07	Illinois	April 16, 1985	2770
Duckel, Daniel A.	Carlinville	Macoupin	67	Illinois	21,	2771
Rhine, Charles R.	Farmersville	Montgomery	07	Illinois	oct. 21, 1985	2772
Schilling, Stephen D.	Mt. Pulaski	Logan	21	Illinois	21,	2773
Wood, Michael D.	Litchfield	Montgomery	38	Illinois		2774
Beer, James E.	West Frankfort	Franklin	32	Illinois	oct. 25, 1985	2775
Boling, Paul O.	Boonville, IN	Warrick	43	Kentucky	_	2776
Chandler, Kenneth A.	Marissa	St.Clair	32	Illinois	Oct. 25, 1985	2777
Chandler, Ron	Tilden	Randolph	1 28	Illinois	_	2778
Chapman, Donald A.	Tamaroa	Perry	43	Illinois		2779
Clark, Danny R.	Zeigler	Franklin	28	Illinois		2780
Cole, David C.	Sparts	Randolph	38	Illinois		2781
Cooper, Wally Dale	Benton	Franklin	34	Indiana		2782
Cross, Larry E.	Mt. Csrmel	Wabash	39	Illinois	Oct. 25, 1985	2783
Dillon, Donald L.	Benton	Franklin	67	Illinois	oct. 25, 1985	2784
Ellis, Ronald L.	Raleigh	Saline	36	Illiois	Oct. 25, 1985	2785
Goff, Delbert Ray	Boonville, IN	Warrick	34	S. Carolina	Oct. 25, 1985	2786

# STATE MINING BOARD CERTIFICATES ISSUED ELECTRICAL HOISTING ENGINEER 1985

Hagene, Lavrence D. Sparta Hahn, Robert D. Thompso Hanbleman, Ronald D. Thompso Hathaway, Mike Govler Hudson, Terry A. Francis McMeal, Donald L. Sesser Marke Gary W. Gravil	POST OFFICE Sparts Marissa Thompsonville Harrisburg Coulterville Factos, IN Factos, IN Seser	COUNTY Randolph St. Clair Franklin Saline Perry Gibson	AGE 30	BIRTHPLACE	AMINA	NO.
	ta ssa psonville isburg terville ka, IN cisco, IN	Randolph St. Clair Franklin Saline Perry Gibson	30		30	2787
	psonville   isburg   terville   ka, IN   cisco, IN   eville   isburg   isbu	St. Clair Franklin Saline Perry Gibson		Washington	Oct. 25, 1985	,0/7
AA. B. L. L. C. C. C. C. C. C. C. C. C. C. C. C. C.	isburg terville ka, IN cisco, IN er	Franklin Saline Perry Gibson	25	Illinois	Oct. 25, 1985	2788
A	isburg terville ka, IN cisco, IN er	Saline Perry [	42	Illinois	Oct. 25, 1985	2789
A. L.	terville ka, IN cisco, IN er er	Perry Gibson	21	Illinois	Oct. 25, 1985	2790
A. L.	ka, IN cisco, IN er er ville	Gibson	31	Illinois	25, 1	2791
a A.	cisco, IN er		31	Indiana	Oct. 25, 1985	2792
ن.	er ville	Gibson	31	Indiana	25,	2793
_	ville	Franklin	20	Illinois		2794
		Edwards	25	Illinois	25,	2795
_	burg	St. Clair	94	Illinois	25,	2796
	New Athens	St. Clair	73	Illinois	Oct. 25, 1985	2797
J. Jr.	rado	Saline	28	Alabama	25,	2798
_	Harrisburg	Saline	54	Illinois	25,	2799
ν.	ssa	St. Clair	54	Illinois	25,	2800
_	Lawrenceville	Lawrence	45	Indiana		2801
Politsch, Terry L.   New A	New Athens	St. Clair	32	Illinois	25,	2802
_		White	32	Illinois	25,	2803
Risley, Larry Dean   Sesser	er	Franklin	39	Illinois	25,	5804
Ritter, Stanley J.   Smithton	hton	St. Clair	38	Illinois	25,	2805
en T.	Boonville, IN	Warrick	31	Indiana	25,	2806
_	Lenzburg	St. Clair	56	Illinois	25,	2807
_	Keensburg	Wabash	67	Illinois	25,	2808
ine	Pinckneyville	Perry	53	Illinois	25,	2809
_	4cLeansboro	Hamilton	39	Illinois	25,	2810
е Е.	uo	Williamson	59	Illinois	oct. 25, 1985	2811
rick P.	uo	Franklin	26	Illinois	25,	2812
_	Harrisburg	Saline	30	Illinois	25,	2813
_	Norris City	White	38	Illinois		2814
eff A.	Boonville, IN	Warrick	30	Indiana	Oct. 25, 1985	2815

## STATE MINING BOARD CERTIFICATES ISSUED SURFACE MINE SUPERVISOR 1985

					DATE OF	CERT
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
William Banfield	Table Grove	Fulton	28	Indiana	May 24, 1985	1340
John M. Black	DuQoin	Perry	29	Kentucky	May 24, 1985	1341
Thomas L. Black	Pinckneyville	Perry	37	Kentucky	May 24, 1985	1342
Russell Broadwater	Oakdale	Washington	30	Illinois		1443
Elmer T. Colvin	Pinckneyville	Perry	40	Illinois	_	1344
Hubert Decker	Vincennes, IN	Knox	55	Indiana	_	1345
Robert E. DeVous	Equality	Gallatin	07	Illinois	-	1346
Donald G. Gibson	Carbondale	Jackson	34	Colorado	May 24, 1985	1347
John W. Hale	Eldorado	Saline	44	Illinois	May 24, 1985	1348
Alan R. Hamson	Dahlgren	Hamilton	35	Illinois	May 24, 1985	1349
Michael Ray Harber	Sparta	Randolph	41	Illinois	_	1350
Dale L. Johnson	Woodhull	Henry	28	Illinois	24,	1351
William R. Kirchner	DuQuoin	Perry	43	Indiana	May 24, 1985	1352
Kim Kline	Pinckneyville	Perry	30	Illinois		1353
Ray F. Knight	Paoli, IN	Orange	4.5	Indiana	24,	1354
William Nygard	Murphysboro	Jackson	33	Minnesota	24,	1355
Douglas D. Pollex	Stonefort	Saline	30	Kentucky	24,	
Terry W. Riley	Harrisburg	Saline	35	Illinois		1357
Eugene Rutherford	Ellisville	Fulton	99	Missouri		
James E. Sandusky	Harrisburg	Saline	47	Illinois		1359
Randy J. Schaefer	Pinckneyville	Perry	56	Illinois	24,	1360
Cecil E. Schmidt	Pinckneyville	Perry	53	Missouri	24,	1361
Mark M. Sebree	Campbell Hill	Perry	29	Illinois	24,	1362
Clarence S. Sims	Pinckneyville	Perry	27	Indiana	24,	1363
Paul A. Sloan	Pinckneyville	Perry	28	Illinois	24,	1364
Victor L. Steuerwald	Marion	Williamson	36	Indiana	24,	1365
Michael T. Stone	Pinckneyville	Perry	41	Washington	24,	1366
Larry R. Taake	Marion	Williamson	28	Illinois	24,	1367
Robert L. VanWinkle	Newburgh, IN	Warrick	87	Florida		1368
Terry E. Wilson	Ava	Jackson	31	Missouri		1369
Mark R. Yingling	Mt. Sterling	Brown	23	Illinois	4, 1	1370
Thomas E. Overday	Bicknell, IN	Knox	38	Indiana	12,	1371
William H. Smith	Loogootee, IN	Daviess	41	Kentucky	12,	1372
William J. Sutton	Mt. Sterling	Brown	38	Kentucky	12,	1373
Scott Arthur Carney	Pinckneyville	Perry	22	Alaska	12,	1374
Sherlene R. Clore	Percy	Randolph	27	Indiana	12,	1375
Randy Davis	Harrisburg	Saline	33	Illinois	12,	1376
George E. Dickerson	Pinckneyville	Perry	39	Ohio	12, 1	1377
Richard Erickson	Carbondale	Jackson	28	California	12,	1378
Robert A. Fala	Pinckneyville	Perry	34	Pennsylvania	12,	1379
Rudolph H. Fischer	Murphysboro	Jackson	34	Washington	Dec. 12, 1985	1380

# STATE MINING BOARD CERTIFICATES ISSUED SURFACE MINE SUPERVISOR 1985

					DATE OF	CERT.
NAME	POST OFFICE	COUNTY	AGE	BIRTHPLACE	EXAMINATION	NO.
Nick L. Garcia	Goreville	Johnson	25	Illinois	Dec. 12, 1985	1381
Howard Jay Herzog	Marion	Williamson	35	Illinois	Dec. 12, 1985	1382
Jackson D. Hickok	Pinckneyville	Perry	28	Illinois	Dec. 12, 1985	1383
Larry R. Long-Croteau	Sparta	Randolph	38	Illinois	_	1384
Ralph I. Lopez	Carbondale	Jackson	30	New Mexico	_	1385
Dale McClintock	Marissa	St. Clair	43	New York	Dec. 12, 1985	1386
Alan L. Meyers	Benton	Franklin	30	Wisconsin		1387
Lester Steven Parks	DuQuoin	Perry	30	Louisiana	12,	1388
Joseph J. Smith	Pinckneyville	Perry	32	Ohio	12,	1389
Randy Strang	Murphysboro	Jackson	30	Wisconsin	Dec. 12, 1985	1390
Gary W. Swiston	Carrier Mills	Saline	39	Wisconsin	Dec. 12, 1985	1391
Tom Taylor	DuQuoin	Jackson	040	Illinois		1392
Donald Ellis Watson	DeSoto	Jackson	30	W. Virginia	Dec. 12, 1985	1393
Jerry P. Willett	Carbondale	Jackson	36	Kentucky	Dec. 12, 1985	1394
Rod Youngman	DuQuoin	Perry	56	Ohio	Dec. 12, 1985	1395
	SURFAC	SURFACE MINE SUPERVISOR (OVERBURDEN) 1985	(OVERBURDE	N) 1985		
Ed Elliott	Bicknell, IN	Кпох	35	Georgia	Dec. 12, 1985	95
	SURFACE MIN	SURFACE MINE SUPERVISOR (DRILLING & SHOOTING) 1985	LING & SHO	OTING) 1985		
Ed Elliott	Bicknell, IN	Knox	35	Georgia	Dec. 12, 1985	41
	SURFACE M	SURFACE MINE SUPERVISOR (PIT COAL LOADING) 1985	T COAL LOA	DING) 1985		
Ed Elliott	Bicknell, IN	Knox	35	Georgia	Dec. 12, 1985	55
	CARBON RECOV	CARBON RECOVERY (PIT COAL LOADING & RECLAMATION) 1985	ING & RECL	AMATION) 1985		
Richard L. Hopkins	Farmington	Fulton	75	Illinois	Dec. 12, 1985	1 0
Jack L. Smith	Tew18cown	Fatton	3	81011111	, sec. 12, 1303	7

### DEPARTMENT OF MINES & MINERALS

### EXPLOSIVES DIVISION

### EMPLOYEES

Lester Glynn Explosive Inspector

58 Second Street

LaSalle, Illinois 61301

Donald Hafliger Explosive Inspector

421 East Esther Street Taylorville, Illinois

62568

Explosive Inspector

Paul Davis 1815 North State Street

Eldorado, Illinois 62930

Clerk Typist

Bette Reynolds

R. R. #2, Box 355 Benton, Illinois 62812

icense	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
	Daniel Graff Vernon Scrivner Herman Ziegele	Route #1, Box 213, Ava, II. 62907 Route #3, Mt. Vernon, II. 62864 220 Westshore Drive, Morton, II. 61550	Jackson Jefferson Tazewell	11-14-88 11-20-88 12-3-88	\$25.00
00 000 017 017	Earl Smith, Jr. Josiah Cattron	R. R. #1, Box 163, Sheridan, Ny. 82801 Box 57, Fairview Heights, Il. 61432	Fulton	11-29-85	\$05.00
	Dale Patterson	R. R. #1, Dawson, II, 62520	Sangamon	12-18-88	\$25.00
000 019	John Donovan Terry C Garber	Box 486, Danvers, 11. 51/32 415 Willard Avenue, Bloomington, II. 61701	McLean	1-3-86	\$05.00
000 000	William Campbell	Route #2, Box 11, Staunton, II. 62088	Macoupin	1-25-86	\$05.00
200 034	Clarence Wagner	Route #1, Kempton, Il 60946 Route #2, Havana Il 62644	Livingston Fulton	1-31-86 2-9-86	\$05.00
200 041	Anton Rupe	Rutland, Illinois 61358	LaSalle	2-9-86	\$05.00
300 042	Roy Ehnle	Route #3, Wyoming, II. 61491	Stark	2-9-86	\$05.00
200 043	Dweight Shoemaker	607 Williamson St., Mahomet, II. 61853	Champaign	2-17-86	\$05.00 \$05.00
300 046	Delbert Bergman	R. R. H., BOX 40, Duniside, II. 02010	Peoria	2-28-86	\$05.00
200 0459	William Fhert	904 Peoria Street. Washington, 11, 61571	Tazewell	3-6-86	\$05.00
200 053	Keith Porch	R. R. #1, Box 40-A, Armington, I1. 61721	Tazewell	3-6-86	\$05.00
300 054	Cecil Newman	651 Willard St., Kewanee, Illinois 61443	Henry	3-15-86	\$05.00
	Maurice Beckman	Box 134, Fillmore, II. 62032	Montgomery	3-22-86	\$05.00
300 061	Lloyd Fraase	Route #1, New Berlin, 11. 62670	Vormilion	3-27-86	902.00
300 063	Harry Allen	Allerton, Illinois bigio	TaSalle	3-27-86	\$05.00
200 069	Norman Penoyer	R. R. #4. Genseo, II, 61253	Henry	4-3-86	\$05.00
200 000	Alfred Boaz	620 Overton Street, Marseilles, II. 61341	LaSalle	4-3-86	\$05.00
200 074	Robert Gnaedinger, Jr.	1387 Lincoln Avenue, Highland Park, Il. 60035	Iake	4-5-86	\$05.00
920 000	Jimmie Maynard	R. R. #1, Viola, II. 61486	Mercer	4-5-86	\$02.00
200 082	Robert Guth	106 North Main Street, Flanagan, II. 61746	Livingston	4-19-86	20.00
200 082	Homer Briney	R. R. #2, Box 237, Rushville, 11, 62681	Schuy ter	4-19-86	805.00
200 000	David Fry	K. K. #1, box 14-D, Mt. Sterille, 11, 02303	Hancock	4-19-86	\$05.00
200 095	Robort Oost	B. R. #2. Havana. 11, 60644	Mason	4-19-86	\$05.00
700 097	Thought Croshy	501 Mosier. Pleasant Hill, II, 62366	Pike	4-20-86	\$05.00
860 000	Raymond Hafley	Hennepin, Illinois 61327	Putman	4-25-86	\$05.00
001 000	Garry Kaney	R. R. #1, Baileyville, Il. 61007	Stephenson	4-25-86	\$05.00
200 102	Carl Schoenhard, Jr.	205 Blackhawk Drive, Galena, 11. 61036 B B #1 Oakford 11 62673	Menard	5-1-86	\$02.00
	Cryde Islandi	The state of the s			

Fee	No. 2005. 100 100 100 100 100 100 100 100 100 10	
Expiration Date	5-3-86 5-1-86 5-11-86 5-11-86 5-11-86 5-11-86 6-12-86	
Country	Dekalb Effingham McLean Knox Will Woodford Carroll Hancock McHenry Stark Kane Macoupin Jobaviess Dekalb Hamilton Marshall Christian Lawrence Jackson Marshall Christian Lawrence Jackson Marshall Charpaign Macoupin Jackson Marshall Charpaign Mill Isasale Dakace Macoupin Marshall Lawrence Jackson Marshall Lawrence Jackson Marshall Charpaign Will Isasale Dubage Pandoliph Jobaviess Jobaviess Jobaviess Jobaviess Jobaviess	
Applicant's Address	1816 Margaret Iane, DeKalb, 11. 60115  Route #1, Atlanta, 11. 62401  R. R. #1, Atlanta, 11. 62401  R. R. #1, Rio, Illinois 61472  Route #5, Bax 39, Lockport, 11. 60441  512 West Cruger, Bureka, 11. 61530  R. R. #2, Lanark, 11. 6046  416 South Madison, Carthage, 11. 62221  3200 North Richrond Road, Welleury, 11. 60056  R. R. #2, Toulton, 11. 61438  R. R. #2, Toulton, 11. 61534  R. R. #4, East Dubque, 11. 61035  R. R. #2, Bax 649, Pekin, 11. 61554  222 Hiscory Street, Galena, 11. 61056  R. R. #2, Dokone, 11. 61540  R. R. #3, Ohio, 11. 61249  R. R. #3, Ohio, 11. 61249  R. R. #3, Ohio, 11. 61249  R. R. #3, Ohio, 11. 61249  R. R. #4, Murphysboro, 11. 62568  R. R. #3, Shamer, 11. 62566  R. R. #4, Murphysboro, 11. 62566  R. R. #4, Murphysboro, 11. 62566  R. R. #4, Murphysboro, 11. 62566  R. R. #4, Murphysboro, 11. 62569  R. R. #1, Brighton, Illinois 62012  Thebes, Illinois 62990  R. R. #1, Brighton, Illinois 62231  Thebes, Illinois 62990  R. R. #1, Brighton, Illinois 62233  224 Ein Street, Fractor, 11. 61223  225 Ein Street, Streator, 11. 61028  R. M. #1, Johnston City, 11. 6323  215 South Main, Elizabeth, 11. 61028  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 62551  R. R. #1, Johnston City, 11. 61522	
Name of Applicant	layle McGinnis Anson A. Bahrns Rodger Sears James Hoyle John Schue Clarence Wenger Harry Bower, Jr. Philip Reed John Lane Matchesius John Lane Matchesius John Thane Michael Larson Diggen Starcevich John Turner Harold E. Wright Hugh D. Cass John Priliman Byford Stewart Robert Cowan Harold Diveley Joe Smith Jerry Reiman James Anlabaugh Clyde Colyer Barney Jones Paul Heigold William Ramey Barney Jones Plagene Shellabarger Elvin Quinn Richard Swaney Robert Combines John Lisk Liony Qrine Recent Gandber Robert Gandber	
License	000 1108 000 1138 000	

icense	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
00 232	Stephen Gregory	529 North Cherry, Galesburg, II. 61401 B B #1 Chana II 61425	Knox	2-21-86	\$05.00
	Robert Stone	Box 127, Rosiclare, II. 62982	Hardin	3-23-86	\$05.00
	Milton Sobie	800 West Lincoln Lane, DesPlaines, II. 60016	Cook	3-26-86	\$05.00
	Roger McCreacken	Route #2, Lewistown, Il. 61542	Fulton	4-17-86	\$05.00
	William McPeak	Route #4, Louistown, 11. 62858	Clay	4-18-86	\$05.00
	Louis Mund		St. Clair	5-21-86	\$05.00
	Luther Cullor	0	Ogle	6-19-86	\$05.00
92.00	Orlyn Lentman	518 East Vanburen, Ottawa, 11. 61350 405 Fast Lake Shome Drive Baymington Il 60010	Lasalle	6-19-86	\$05.00 \$05.00
	Bruce Titsch	Route #1. Onincv. I1. 62301	Adams	7-13-86	\$05.00
00 279	Charles Hayden	R. R. #4, Box 176, Evansville, Indiana 47700		7-26-86	\$05.00
00 281	Douglas Bates	Route #2, Box 56, Golconda, II. 62938	Pope	7-26-86	\$05.00
	Martin Furlane	515 North Raynor Avenue, Joliet, Il. 60435	Will	8-15-86	\$05.00
	Robert Stone	Box 127, Rosiclare, II. 62982	Hardin	3-23-86	\$05.00
00 293	Harold Roach	Route #2, Makanda, II. 62958	Union	9-21-86	\$05.00
	James Jones	R. R. #4, Box 413, South Market, Marion, Il. 62959	Williamson	10-12-86	\$05.00
	Roger Livsey	3634 Willetta Drive, Roanoke, Va. 24018		1-18-86	\$05.00
	Harold West, Sr.	13920 West 17th. Place, Lockport, Il. 60441	Will	3-19-86	\$05.00
	Harold Menge	1210 Menge Road, Marengo, II. 60152	McHenry	3-19-86	\$05.00
	Steven Miller	Chana, Il. 61015	Ogle	3-19-86	\$05.00
	Ronald Miller	Chana, II. 61015	Ogle	3-19-86	\$05.00
	William Simpson		LaSalle	3-26-86	\$05.00
	Willard Shanklin		Woodlord	4-24-80	\$05.00 \$05.00
	William Lansew		Greene	2-8-80	\$02°00
90 363	Cyrus Keech	R. R. #1, White Hall, II. 60292	LaSalle	6-3-86	\$02.00 \$05.00
	Denoted Colliston	n. n. #1, Oglesby, 11. 01030	Know	98-	20.50
	C. Edward Hoos	Route #3. Pittsfield, 11. 62363	Pike	6-12-86	\$05.00
	Burnell Burnsvold	232 East 15th. Street, Milan, Il. 61264	Rock Island	7-2-86	\$05.00
	Erich VonThum	3919-32nd, Avneue, Moline, Il. 61265	Rock Island	7-2-86	\$05.00
00 378	Paul Dollins	805 Harmon Drive, Urbana, 11. 61801	Champaign	8-7-86	\$05.00
	Jerome Campbell	Box 38, Milton, Il. 62352	Pike	8-14-86	\$05.00
	Ronald Johnson	R. R. #3, Lot #107, Murphysboro, II. 62966	Jackson	8-20-86	\$05.00
	Jack Vaughn	R. R. #3, Oblong, II. 62449	Crawford	9-1-86	\$05.00
	William Christison	Route #1, Pittsfield, II. 62363	Pike	9-4-86	\$05.00
	Donald Matthews	331 East Liberty Street, Walnut, II. 61376	Bureau	9-36-86	\$05.00
00 400	Keith Stoeger	1704 Linden Street, DesPleines, II. 60018	Cook	10-8-86	\$05.00
00 405	Steve Wells	2480 Broadway #15-A, Helena, Mt. 59601		10-23-86	00.50\$

License	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
000 408	Robert Anderson	2917 Dale Avenue, Granite City, ¢2040	Madison	11-21-88	No Fee
000 411	Theodore Keil, Jr.	Box 57, DuBoise, Il. 62831	Washington	2-11-86	\$05.00
000 413	Donald Logan	Box 13, Tennessee, 11. 62374	McDonough	2-13-86	\$05.00
000 414	James Fromm	R. R. #2, Omaha, II. 62874	Gallatin	2-20-86	\$05.00
000 416	Richard Curtin	1820 Richview Road, Mt. Vernon, II. 62864	Jefferson	3-7-86	\$05.00
000 420	Robert Hayes	405 West Butternut, Elmwood, Il. 61529	Peoria	4-8-86	\$05.00
000 422	James Heissinger	R. R. #2, Rochester, Il. 62563	Sangamon	4-11-86	\$05.00
000 423	Robert Keyes	R. R. #1, New Berlin, II. 62670	Sangamon	4-11-86	\$05.00
000 425	Jack Foulke	South Jackson Street, Brimfield, Il. 61517	Peoria	4-25-86	\$05.00
000 427	Paul Hiber	209 Glenaire Ct., Peoria, Il. 61614	Peoria	4-25-86	\$05.00
000 429	Samuel Buck, Jr.	Box 240, R. R. #2, Washburn, II. 61570	Marshall	2-2-86	\$05.00
000 430	Emery Smith	R. R. #1, Box 34, Kilbourne, Il. 62655	Mason	5-5-86	\$05.00
000 438	John Tomlinson	453 West Jefferson, Rushville, Il. 62681	Schuyler	6-11-86	\$05.00
000 439	Walter Winget II	135 West Forrest Hill, Peoria, II. 61603	Peoria	6-13-86	\$05.00
000 442	Lorin Graff	R. R. #4, Box 243, Murphysboro, 11. 62966	Jackson	6-23-86	\$05.00
000 443	Avery Sneed	Box 29, Rosiclare, II. 62982	Hardin	6-23-86	\$05.00
000 444	John Terselic	R. R. #1, Oglesby, Il. 61348	LaSalle	6-23-86	\$05.00
000 447	Howard Sidenstick	17715 Stonebridge Drive, Hazel Crest, Il. 60417	Cook	2-1-86	\$05.00
000 448	Donald Dergantz	1588 Notre Dame, Crete, Il. 60417	Will	2-1-86	\$05.00
000 449	Ben Peters	Route #3, Box 166, Litchfield, Il. 62056	Montgomery	2-1-86	\$05.00
000 450	Floyd Lee	Penz Drive, Oakwood, Il. 61858	Vermilion	7-14-86	\$05.00
000 451	Harvey Cash	R. R. #1, Clay City, Il. 62824	Clay	7-16-86	\$05.00
	Joseph Weghorst	411 Fairlane, Pekin, Il. 61554	Tazewell	7-28-86	\$05.00
000 463	Ron Hendry	R. R. #1, Brocton, Il. 61917	Edgar	98-8-6	\$05.00
000 469	Michael Smith	904 North Main, Apt. #9, Rockford, II. 61103	Winnebago	10-6-86	\$05.00
000 473	Steve Bergstrom	710 3rd. Street, Moline, Il. 61265	Rock Island	10-17-86	\$05.00
000 475	William Howard	600 Boylston Street, Loves Park, II. 61111	Macoupin	11-8-88	\$25.00
000 477	Kenneth DeWerff	R. R. #1, Box 252, Nokomis, 11. 62075	Montgomery	12-3-88	\$25.00
000 478	Robert Hardesty	Route #1, Oregon, II. 61061	Ogle	11-18-88	\$25.00
000 496	George Shimp	Spartland, Illinois 61565	Marshall	2-8-86	\$02.00
909 000	John Considine	411 North Ellsworth Avenue, Villa Park, Il. 60181	DuPage	2-17-86	\$05.00
000 204	Jerry Thompson	1750 Kaneville Road, Geneva, Il. 60134	Kane	3-3-86	\$02.00
000 210	Lemuel Tripp	Box 235, Mendon, 11. 62351	Adams	3-16-86	\$05.00
000 511	Frank Conci	R. R., Box M. Colconda, II. 62938	Pope	3-26-86	\$02.00
000 514	Donald McCellin	R. R. #1, Cerro Gordo, II. 61818	Piatt	4-1-86	\$05.00
	James Breckon			4-5-86	\$05.00
000 517	James Ward, Jr.	523 North Orchard Street, Pittsfield, II. 62363	Pike	4-12-86	:502.00
000 219	Audie Wall	R. R. #1, West Frankfort, Il. 62956	Franklin	4-14-86	\$05.00
000 521	Charles Tommasson	206 South Board Street, Lacon, Il. 61540	Marshall	4-26-86	S05.00
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### EXPLOSIVE LICENSES ISSUED -- 1985

Fee	\$65.00 \$9	
Expiration Date	4-11-86 4-11-86 4-11-86 4-11-86 4-11-86 4-11-86 4-20-86 4-20-86 4-20-86 4-20-86 4-20-86 4-20-86 5-20-86 5-20-86 5-11-86	
County	Knox St. Ctair Douglas Douglas Tazewell Kankelee Morgan Adams Adams Fayette Woodford Woodford Knox Johaviess Saline Johaviess Tazewell Jefferson Gook Ruiton Washington Lee Henry Champaign Dubage Leadalle Feoria Logan Logan Macon	
Applicant's Address	108 East Third Street, East Galesburg, 11. 61430 105 East Ensey, Tuscola, 11. 61923 6290 Sumers Read, Huntsburg, Ohio 44046 629 South 11th. Street, Pekhn, 11. 61554 2290 East Court Street, Fakhn, 11. 61554 2290 East Court Street, Pakhn, 11. 62650 612 Allen Avenue, Jacksonville, 11. 62650 612 Allen Avenue, Jacksonville, 11. 62650 612 Allen Avenue, Jacksonville, 11. 62650 612 Allen Avenue, Jacksonville, 11. 62650 612 Allen Avenue, Jacksonville, 11. 62650 613 R. R. #1, Box 207, Seorr, 11. 61771 614 R. #1, Adlema, 11. 61672 615 R. R. #1, Glema, 11. 61672 615 North State Street, Eldorado, 11. 62864 6972 North State Street, Eldorado, 11. 62864 6972 North Street, Mr. Vernon, 11. 62864 6972 North Street, Mr. Vernon, 11. 62864 6972 North Street, Springfield, 11. 62570 6972 North Street, Springfield, 11. 62570 6973 North Street, Springfield, 11. 62596 6974 Saxon Street, Springfield, 11. 62596 6975 South 330 Palamino, Naperville, 11. 61614 6975 North Street, Starge, Ark 71860 6975 East Moneta, Peoria Heights, 11. 61614 6975 North, San Jose, 11. 62643 6975 Most Howard Street, Durand, 11. 61024 6975 Most Howard Street, Durand, 11. 61024 6975 Most Howard Street, Durand, 11. 61024 6975 Most Howard Street, Durand, 11. 61024 6975 Most Howard Street, Durand, 11. 61024 6975 Murch Street, Durand, 11. 61024 6975 Most Howard Street, Durand, 11. 61024 6975 May H. N. #4, Street, Durand, 11. 61024 6975 May H. N. #4, Street, Durand, 11. 61024 6975 May H. N. #4, Street, Durand, 11. 61024 6975 May H. N. #4, Street, Durand, 11. 61024 6975 May H. N. #4, Street, Durand, 11. 61024 6975 May H. N. #4, Street, Durand, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024 6975 May H. N. H. #3, Sterling, 11. 61024	
Name of Applicant	Thomas Douglas Michael Lugge Harold Hamilton Calvin Konya Ronald Stuber William Vade Bon Coeur Glein Williams Terry Craham David Mensen Prancis Schauble Donald Werzel Paul Davis Daniel Wenzel Paul Davis Daniel Wenzel Paul Davis Daniel Wenzel Paul Davis Daniel Wenzel Paul Davis Donald Werzel Paul Davis Bendy Drucy John Ralson Lee Franklin Glenn Post Charles Murphy James Dodds Terry Owens Frank Brazinski Coert Hout Billy Coon Lawrence V Strauss Shelly Powell Cotto Oldham Donald Batterton Lawrence Tanner James Meyer Kenneth Ditzler Renneth Ditzler Robert Earl Jones Arthur Duffield, Jr.	
License	000 651 000 654 000 655 000 655 000 655 000 657 000 672 000 673 000 67	

License	Name of Applicant	Applicant's Address	Country	Expiration Date	Fee
200 763	Jack Harris, Jr.	R. R. #1, Box 109, Beardstown, Il. 62618	888	2-15-86	805 00
	John Kohler	41 Morningside Estates, Lincoln, II, 62556	Logan	2-15-86	36.50
	Richard Krider	R. R. #1, Vermont, Il. 61484	Fulton	2-15-86	\$05.00
	Joel Thacker	R. R., Donnellson, II. 62019	Montgomery	2-15-86	\$05.00
000 771	Gilbert Barnes, Jr.	R. R. #1, Germantown, Il. 62245	Clinton	2-15-86	\$05.00
	Oscar Thigpin	8426 Wood, Chicago, II. 60620	Cook	2-15-86	\$05.00
	James Robertson	700 West Roosevelt, Mason City, II. 62664	Mason	2-21-86	\$05.00
000 784	David Ahern	2704 Lind, Quincy, II. 62301	Adams	3-3-86	\$05.00
	Myron Barkley	Box 84, Taylor, Missouri 63471		3-3-86	\$05.00
	Conrad Harshman	R. R. #3, Sullivan, Il. 61951	Moultrie	3-8-86	\$05.00
000	Ulin Cowser	Box 66, Woodhull, II. 61490	Henry	4-3-86	\$05.00
	Edward Rees	1840 Maine, Quincy, II. 62301	Adams	4-7-86	\$05.00
	Carlyle Mueller	R. R. #1, Box 190, Columbia, II. 62236	Monroe	4-24-86	\$05.00
	limothy schott	123 Lakeland Hills Drive, Belleville, Il. 62221	St. Clair	4-14-86	\$05.00
2000	Robert Pautler	R. K. #1, Box 46, Evansville, II. 62242	Randolph	4-27-86	\$05.00
	James Daniels	Box 383, Bridge Street, Channahan, II. 60410	Will	5-3-86	\$05.00
000 820	Dean Ferrero	Route #1, Mt. Vernon, Il. 62964	Jefferson	5-16-86	\$05.00
	Daniel Hubbard	Moute #2, Morrison, II. 61270	Whiteside	5-25-86	\$05.00
	Dwignt Early, Jr.	2118 Timberland, Wheaton, II. 60187	DuPage	6-22-86	\$05.00
000 040	Norman Strow	Moute #4, Ottawa, 11. 61350	LaSalle	7-14-86	\$05.00
000	Burl Keys	K. R. #6, Paris, II. 61944	Edgar	7-19-86	\$05.00
650	Mar'l Lucwig	1202 Lakeview, Rochelle, II. 61066	Ogle	7-25-86	\$05.00
000	Eric Grover	R. R. #1, Ashton, II. 61006	Ogle	7-25-86	\$05.00
000 852	Dale Davitz	R. R. #1, Ellis Grove, Il. 62241	Randolph	8-10-86	\$05.00
000 828	Gerald Scott	245 Elm, Oglesby, II. 61348	LaSalle	8-10-86	\$05.00
000 828	Donald Bare	16W575W79 St., Building #1 Apt.#107, Clarendon Hill,	DuPage	8-10-86	\$05.00
000 861	Bill Robertson	414 West 3rd. Street, Beardstown, 11. 62618	Cass	8-22-86	\$05.00
000 862	R. J. Spillane	203 Hickory Street, Apple River, Il. 61001	JoDaviess	8-25-86	\$05.00
000 871	Edward Waxler	900 West Rand Road, Apt. ClO1, Arlington, II. 60004	Cook	11-27-88	\$25.00
000 872	Clifford Foskett	7042 North Milwaukee, Niles, II. 60648	Cook	10-16-86	\$05.00
988 000	Harold Bruninga	2137 Greenbriar Drive, Springfield, Il. 62704	Sangamon	12-20-88	\$25.00
000 893	Robert Williams	R. R. #6, Box 111, Springfield, Il. 62707	Sangamon	2-8-86	\$05.00
000 894	Richard Anderson	Mt. Sterling, Illinois 62353	Brown	2-27-86	\$05.00
	Stephen Bennett	Box 66, R. R. #2, Fairbury, II, 61739	Livingston	2-27-86	\$05.00
	Randy Brest	R. R. #2. Rochester. II. 62563	Sangamon	2-27-86	\$05.00
868 000	David Carter	Route #1, Box 28A. Brighton, II. 62012	Macoupin	2-27-86	\$05.00
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License				Expiration	
Mumber	Name of Applicant	Applicant's Address	County	Date	Fee
668 000	James Edwards	121 Kenneth Drive, Troy, Illinois 62294	Madison	2-27-86	\$05.00
000 901	Clarence Hundelt	R. R. #2, Box 197, Mascoutah, II. 62258	St. Clair	2-27-86	\$05.00
000 005	Harry Jackson	1300 South 2nd. Street, Gillespie, II. 62033	Macoupin	2-17-86	\$05.00
000 003	Phillip Livesay	R. R. #2, Anna, II. 62906	Union	2-27-86	\$05.00
	Michael Shamp	Route #3, Box 57, Mt. Carroll, Il. 61053	Carroll	2-27-86	\$05.00
	Douglas Shankel	160 Mobil Land Ct., Bloomington, Il. 61701	McLean	2-27-86	\$05.00
000 910	Robert Werner	Mount Pulaski, Illinois 62548	Logan	2-27-86	\$05.00
000 913	John Bennett	12015 Sweetbriar Lane, Brimfield, II. 61517	Peoria	3-23-86	\$05.00
000 914	Philip Bettiker.	821 Woodward Avenue, Deerfield, II. 60015	Lake	3-23-86	No Fee
000 915	Luther Bradshaw	6916 Young Court, Woodridge, II. 60515	DuPage	3-23-86	\$05.00
000 919	Patrick Freeman	217 Lancaster Lane, Bolingbrook, II. 60439	Will	3-23-86	\$05.00
	Daniel Gast	R. R. #2, Earlville, Il. 60518	LaSalle	3-23-86	\$05.00
000 921	Frank Grossman	4109 Salem Drive, Arlington Heights, Il. 60004	Cook	3-23-86	No Fee
000 924	Irwin Kraut	212 Scarsdale Ct., Schaumburg, II. 60493	Will	3-23-86	No Fee
000 931	Kenneth Rewers	647 Bensley Avenue, Calumet City, Il. 60409	Cook	3-23-86	No Fee
000 932	Maurice Raoch	1422 East Hickory St., Streator, II. 61364	LaSalle	3-23-86	\$05.00
000 933	Terrence Aldrich	R. R. #4, Danville, Il. 61832	Vermilion	3-26-86	\$05.00
000 934	Joseph Hawkins	Box 542, Oakland, II. 61943	Coles	3-26-86	\$05.00
000 937	Edward Snell	134 South Bissell St., Virden, Il. 62690	Macoupin	3-26-86	\$05.00
926 000	Dale Beckman	R. R. #5, Streator, II. 61364	LaSalle	4-11-86	\$05.00
000 940	James Eccleston	ast	LaSalle	4-11-86	\$05.00
000 941	Jurrel Gragson	R. R. #1, Cornell, II. 61319	LaSalle	4-11-86	\$05.00
000 945	Jeffery Jones		Saline	4-11-86	\$05.00
000 947	Edward Schnek		Jackson	4-11-86	\$05.00
000 948	Barney Pennell	R. R. #1, Cave In Rock, II. 62919	Hardin	4-20-86	\$05.00
000 949	Roy Pennell		Hardin	4-20-86	\$02.00
000 920	William Strucke	Thicago, Il. 60631	DuPage	98-2-9	\$05.00
000 970	James Tellone		DuPage	6-15-86	\$02.00
000 971	Joseph Volence		DuPage	6-15-86	\$02.00
000 972	James Bandy	R. R. #1, Box 146-A, Johnston City, Il. 62951	Williamson	6-18-86	\$05.00
226 000	Larry Pepper	3704-40th. Avenue, Moline, II. 61265	Rock Island	7-19-86	\$05.00
926 000	Jerry Kuntson	65 Waveland Avenue, Gurnee, Il. 60031	Lake	8-10-86	\$05.00
626 000	Donald Lasowecky	Route #4, Quick's Subdivision, Dixon, Il. 61021	Lee	8-17-86	\$05.00
000 982	Peter Ferro	2421 Erskine Road, Joliet, Il. 60432	Will	9-2-86	\$05.00
986 000	Robert Pleasant	203 Rice Avenue, Bellwood, Il. 60104	Cook	9-2-86	\$05.00
000 882	Jack Boehm	2404 Spruce Street, Peru, II. 61354	LaSalle	9-11-86	\$05.00
000 993	William Gilmore	9	Greene	9-11-86	\$05.00
000 994	Gregg Graham	470 East Main, Dalton City, II. 61572	Moultrie	9-11-86	\$05.00

License	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
	Mack McGinnis Robert Wehrhoff Billy Stout	3624 North Albang, Chicago, 11. 60618 R. R. #1, Carrollton, 11. 62016 R. R. #1, Buncombe, 11. 62016	Cook Greene Union	9-11-86 9-11-86 9-11-86	\$05.00 \$05.00 \$05.00
	Billy Craft	10306 Avenue F, Chicago, II. 60617	Cook	9-9-86	\$02:00 802:00
	A. Ted Cassens Charles Coles	210/4th. Avenue, Sterling, 11. 51051 469 East 4th. Street, Milan, II. 61264	Wniteside Rock Island	10-4-86	\$05.00
	Sigurd Stottrup	Route #1, Lake City, II. 61935	Moultrie	10-10-86	\$05.00
	Melvin Zobrist	R. R. #2, Pochabontas, II. 62275	Bond	10-10-86	\$05.00
	Fredign Contey Gene Howe	Noute #1, New Durnstue, 11: 0230;   Box 223. Good Hope. 11. 61438	McDonough	12-11-88	\$25.00
	Gregory Kutson	R. R. #2, Box 354-A, Murphysboro, II. 62966	Jackson	12-3-85	\$05.00
	Edward Woare	262 Southmoreland Place, Decatur, II. 62532	Macon	12-11-88	\$25.00
	Arnold Collier	Koute #8, Ten Mile Creek Road, East Feoria, II. bibli	Sandamon	12-30-88	\$25.00
	Joe Rittenhouse	133 West Moultrie Benent, II. 61813	Piatt	12-3-88	\$25.00
	Craig Priegel	551 Sycamore Street, Elizabeth, Il. 61028	JoDaviess	1-18-86	\$05.00
	Paul Berry	823 West 23rd. Street, Chicago, II. 60620	Cook	1-3-86	\$05.00
	Roger Clark	R. R. #1, Box 80A, Glasford, II. 61533	Peoria	1-30-86	\$05.00
	Harold King	802 West Ash, Robinson, II, 62454	Crawford	1-30-86	\$05.00
	William Krautwald Bernard Matulowich	113 West Almond Drive, Washington, II. 61571  B. B. #1 Boy 169 Virginia II 62691	Tazewell	1-30-86	\$05.00
_	Debarah Rhodes	Oakcrest Road, Springfield, Il. 62707	Sangamon	1-30-86	\$05.00
_	James Wengler	R. R. #1, Georgetown, Il. 61846	Vermilion	1-30-86	\$05.00
_	Delbert Hamrick	126 West Erie, Spring Valley, Il. 61362	Bureau	2-8-86	\$05.00
	Cleo Wolsfeld	126 West Erie, Spring Valley, Il. 61362	Bureau	2-8-86	\$05.00
	Janice Bolz	4129 North Sacramento, Chicago, 11. 60000	NO.	00-01-7	300
	Daniel Boals	1213 Laurel Lane, Naperville, 11 60540	Jake	2-22-86	\$05.00
_	Roger E. Jones	1017 East Ash Street, Taylorville, 11. 62568	Christian	3-4-86	\$05.00
_	Thomas Wagner	17921 South Park Avenue, Lansing, II, 60438	Cook	3-4-86	\$05.00
	William Binger	Route #2, Quincy, II. 62301	Adams	3-11-86	\$05.00
	Maurice Harrison	4418 Oakenwald, Chicago, Il. 60653	Cook	3-11-86	\$02.00
_	Thomas Settles	Box 141, Bryant, Il. 61519	Fulton	3-11-86	\$05.00
	Dennis Tritsch	116 East Perkins, Payson, Il. 62360	Adams	3-11-86	00°c0%
	Archie Cornell	R. R. #1, Elizabethtown, Il. 62931	Hardin	3-11-86	No Fee
_	Larry Hum	Box 111, Rosiclare, 11. 62982	Hardin	3-11-80	\$03°.00
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License Number	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
000 1147 000 1153	Gary Joiner Michael Miller	Box 231, Rosiclare, 11, 62982 2276 East Main Street, Decatur, 11, 62521	Hardin Macon	3-11-86	\$05.00
000 1162	Kenneth Schubert	2156 Middlefield, Aurora, II. 60506	Kane	4-2-86	\$05.00
000 1163	Williams	bese south Crandon, Apr. 1-r, Chicago, 11. 50049	Logan	4-3-86	\$02.00 \$05.00
	William Contey David Conwill	2921 Oak Rail Drive, New Lenox, Il. 60451	Will	4-18-86	No Fee
000 1172	Frank Pattelli	903 9th. Street, LaSalle, Il. 61301	LaSalle	4-18-86	\$05.00
	Robert Brink	315 North Kentucky Street, Camp Point, Il. 62320	Adams	5-2-86	\$05.00
	Stephen A. Danner	Box 796, Astoria, II. 61501	Fulton	5-16-86	\$05.00
000	Lwain Burkett Wayne Sisk	K. K. #4, Springileid, 11. 6270/ 2420 Sussex Road, Springfield, Il. 62703	Sangamon	5-28-86	\$05.00
000 1201	Howard Smith. Jr.	6309 Powell, Downers Grove, Il. 60515	DuPage	6-2-86	\$05.00
	Clarence Baker	Route #2, Tampico, Il. 61283	Bureau	6-13-86	\$05.00
	Robert H. Ebert	400 Eldridge Street, Washington, Il. 61571	Tazewell	7-10-86	\$05.00
000 1210	Bruce E. Frasch	2006 West Raleigh Place, Hoffman Estates, Il. 60192	Cook	7-18-86	\$02.00
	James H. Redyke	1803 South Evanston, Tulsa, Ok. 51104		7-10-86	\$05.00
000 1213	Joseph J. Dormbos	853 Pinehurst Lane, Schaumburg, II. 60193	Cook	7-18-86	No Fee
000 1215	Donald Patterson	Box 17, Allerton, Il. 61810	Vermilion	8-1-86	\$05.00
000 1216	Gary Waters	R. R. #2, Box 106, Paris, II. 61944	Edgar	8-1-86	\$00.00
000 1219	Kelly Ford	R. R. #3, Box 382-A, Kankakee, 11, 60901	Kankakee	8-21-86	202.00
000 1220	Paul D. Meister	R. R. #1, Box 92-B, Hanna City, 11. 61536	Peor la	00-17-00	902.00
000 1233	Thomas McGarry	8019 Oconto, Bridgeview, 11. 60642	Cook	9-62-80	00.00
000 1241	Jack G. Farr	Krb, Table Grove, 11. 61482	ruiton	10 2 06	902.00
000 1243	Iven L. Gwinn	times South Trating of Carifolds	maccoup m	10-3-96	855.00
000 1247	Morris Crew	Divis #1 Dow 10c D Elizabethtown Il 62031	Hardin	10-24-88	\$25.00
000 1249	Mike numbrek	GOO West Second Taylornille Il 62568	Christian	10-28-88	\$25.00
000 1258	Thoy Bradshaw	111 Parkview Terrace. Irondennoit. N.Y. 14617		11-12-88	\$25.00
000 1259	John T. Campbell	6737 West Higgins, Chicago, Il. 60606	Cook	11-14-86	No Fee
000 1266	Anthoney Rohl	10924 South Drake, Chicago, II. 60655	Cook	11-8-88	No Fee
000 1269	Cornelious Welborn	8239 South Perry Avenue, Chicago, Il. 60620	Cook	11-15-88	\$25.00
000 1272	Edward R. King	R. R. #1, Box 401, Heyworth, Il 61745	McLean	12-13-88	\$25.00
000 1273	Melvin E. Conner	R. R. #1, Box 92A, Mason, II. 62443	Effingham	12-6-88	\$25.00
000 1276	Denver Crandell	R. R. #1, Avon, Il. 61414	Fulton	2-22-86	\$25.00
	Ronald N. Price	1106 West Gift Avenue, Peoria, II. 61604	Peoria	2-22-86	\$02.00
000 1278	Jack Eich	R. R. #3, Box 109, East7th. Road, Mendota, 11. 61342	LaSalle	1-8-80	\$02.00 \$0# \$0#
000 1278	Cecil Wieneke	R. R. #2, Box 256, Metropolis, 11. 62960	Massac	2-22-80	\$02.00 \$25.00
000 1279	William Herman	Box 281, Williamsfield, II., 61489	XOUV	00-07-71	\$57.00

License	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
000 1280 000 1282 000 1284	Charles G. Johnson Sharon L. McKeever Allen Jennings	11827 South Yale, chicago, 11. 60606 R. R. #1, Lewistown, 11. 61542 815 North Thivoli Road, Trivoli, 11. 61569 2016 South Glemood Springfield 11. 62704	Cook Fulton Peoria Sangamon	1-8-86 1-8-86 1-29-86 2-13-86	\$05.00 \$05.00 \$05.00 \$05.00
000 1287	Harry E. Flesner	R. R. #2 Loss 136A, Knoxville, Il 61448	Knox	3-17-86	\$05.00
	William T. Viitala Kevin Vincent	maytand, towa 1602 Brier Hill Road, Huntley, II. 60142 205 Franklin Street: East Peoria. II. 61611	McHenry	3-17-86	\$05.00 \$05.00
	Robert E. Abernathy	R. R. #1, Box 77, Staunton, II. 62088 1208 West Ninth Street, Alton, II. 62002	Madison	3-25-86	\$05.00
000 1300	James W. Clark	206g West Walnut, Blimington, II. 61701 R. R. #1 Poshontas. II. 62275	McLean Bond	3-25-86	\$05.00
	John Sewell Danil Stembab	R. R. #2, Pocabontas, II, 62275	Bond LaSalle	3-25-86	\$05.00
	James D. Williams	Box 281, Cherry, 11, 61317	Bureau	3-25-86	\$05.00
000 1315	Gary R. Zirves John B. Mann	1924 Spruce Terrace, Ariington Heights, 11. 60004 Route #3, Morris, II. 60450	Grundy	3-23-80 4-10-86	\$05.00
	David L. Watts	307 East Third Street, Dalvan, II. 61734	Tazewell	4-10-86 4-10-86	\$05.00
000 1324	Edward J. Hatcher	A. R. T. A. A. M. M. M. M. M. M. M. M. M. M. M. M. M.	Saline	4-21-86	\$05.00
	Paul L. Smock	Box 194, Harco, II. 62945	Saline	4-21-86	\$05.00
000 1328	C. James Dahn Clarence Huseman	6118 West MeIrose Avenue, Chicago, 11. 6053 211 East Waupanist Street, Dwight, 11. 60400	Livingston	4-27-86	\$05.00
	Stacy Miller	Countryside East, Apt. 201, Oregon, II. 61061	Ogle	4-27-86	\$05.00
	Stanley R. Miller Mark S. Riber	Route #1, Kings, Illinois 61045 309 West Chippewa. Dwight. Il. 60402	Ogle Livingston	4-27-86	\$05.00
000 1335	Kenneth Czepiel	19W153 Chateauz Avenue, Oak Brook, II. 60521	DuPage DeKa1b	5-22-86	\$05.00
	Faul E. Coken Larry Grove	712 South Clinton, Box 623, Bunker Hill, 11. 62014	Macoupin	6-12-86	\$05.00
000 1341	James E. Niles James B. Schauble	Route #1, Box 101, East Peoria, II. 61611 R. R. #1. Box 29. tennessee. II. 62374	Woodford	6-12-86	\$05.00
	James S. Shutt	2225 West Roads Drive, Springfield, Il. 62707	Sangamon	6-12-86	\$05.00
	Anthony A. Heying	We Wheaton Chtr., #1512, Wheaton, 11. 60187	DuPage	8-3-86	\$05.00
000 1353	Michael G. Banicky	4016 Sunset Lane, Northbrook, II. 60062	Cook	8-20-80	\$05.00 \$05.00
	Consider Stazy	215 17th. Street, Willmette, 11. 60091	Cook	8-20-86	\$05.00
000 1360	Paul A. Blome	715 Virginia Avenue, Tayloryille, II. 62568	Christian	9-1-86	\$02.00 \$05.00
000 1301	Lougias Loizeaux	bus sherwood road, coceyville, ma. Zioso			

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County	Iroquois  Christian Will Will Will Incapuls Iroquois Iroq
Applicant's Address	15 Brunbrae Road, Towson, Md. 21012 13619 Alliston Drive, Baldwin, Md. 21013 R. R. H. W. Box STR, Martinton, 11. 60951 R. R. R. P. Planfitcheld, 11. 60954 R. R. H. Drainfield, 11. 60954 R. R. H. J. Planfitcheld, 11. 60954 Cassan Drive, Rockford, 11. 60109 228 West Walnut Street, Watseka, 11. 60970 R. R. H. J. Utter, 11. 61733 Route #2, Atlanta, 11. 61733 Route #2, Atlanta, 11. 61344 R. R. #1, Box 236, Equality, 11. 62394 Illi South Feazel, Harrisburg, 11. 62394 R. R. #1, Box 236, Equality, 11. 62394 R. R. #1, Box 236, Republicy, 11. 62394 R. R. #1, Box 236, Equality, 11. 62396 R. R. #1, Box 236, Expensive, 11. 61701 2112 Exeter Avenue, Loves Park, 11. 61101 2202 Austin Drive, Springifield, 11. 62704 236 West Fryer, Charleston, 11. 61701 236 West Fryer, Charleston, 11. 61320 22 Agner Drive, Carokia, 11. 6377 Route #1, Expensive, Roanoke, 11. 61350 Celesby, Illinois 61348 R. R. #2, Exp. 16, Roanoke, 11. 61350 Celesby, Illinois 61348 R. R. #1, Box 38, Rossville, 11. 60957 R. R. #1, Box 38, Rossville, 11. 6152 Exp. South Hants of Girard, 11. 6353 R. R. #2, Exp. 40, Mt. Carroll, Illinois 61053 221 South Harrison, Girard, 11. 6353 R. R. #2, Box 40, Attoria, 11. 6152 221 South Harrison, Girard, 11. 6353 221 South Myrtle, Manchee, 11. 6152 221 South Myrtle, Manchee, 11. 6152 221 South Myrtle, Manchee, 11. 6152 221 Strik Street, Ox. Astoria, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 6152 221 Strik Myrtle, Manchee, 11. 615
Name of Applicant	John D. Loizeaux John M. Loizeaux John J. Borders Libyd L. Brancecum Richard E. Gibson Larry Tegtneyer Dan Burke Dan Burke Dan Burke James Guard Jarres Guard Malter T. Ozee Remneth W. Boswell Edward Jacson Don Malvick Jeff D. Guard Walter T. Ozee Remneth W. Boswell Edward Jacson Don Malvick John Malvick John Malvick James Reagan Robert L. Seggerman Stephen Sellon Thery Squifer Charles Parks Robert Durham Robert Durham Robert Burkington Jarrene Dremnan Jerrill Janik Dale Walter Robert Shoemaker Johert Shoemaker
License	000 1365 000 1365 000 1377 000 1377 000 1378 000

License	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
000 1448	Donald Hout	909 6th. Street, Greenrock, 11. 61241	Henry	8-18-86	\$05.00
	Clarence Kern, Jr.	R. R. #1, Box 32, East Peoria, II. 61611	Woodford	8-18-86	\$05.00
	James Pape	Route #7, Box 553, Marion, Il. 62959	Williamson	8-56-86	\$05.00
	Randy Bennett	R. R. #1, Box 265-1, Petersburg, Il. 62675	Menard	9-2-86	\$05.00
	Harold Koepp	13340 East Airport Road, Stockton, II. 61085	JoDaviess	9-2-86	\$05.00
	Rand McNally	308 Woodlawn Blvd., East Peoria, II. 61611	Tazewell	98-8-6	\$05.00
	Charles German	410 West Division, Stonington, II. 62567	Christian	9-6-6	\$05.00
	Jeff Bischof	34 South Ridge Avenue, Arlington, Il. 60005	Cook	9-28-86	\$05.00
000 1457	David Kruswicki	1415 Walnut Street, Peru, Il. 61354	LaSalle	9-28-86	\$05.00
	Phillip Swanson	R. R. #2, Tampico, II. 61283	Bureau	10-26-86	\$05.00
	Frank Trotman	R. R. #1, Edelstein, II. 61526	Peoria	10-26-86	\$05.00
	Dennis Nadolny	506 Swift, Oglesby, 11. 61348	Lasaile	10-24-86	20.00
000 1463	Richard S. Thomspon	R. R. #4, Salem, II. 62881	Marion	11-8-88	\$25.00
	Jerry Manoney	#3 Cherry fills brive, Fekin, 11. 01304	Tagement	12-18-88	\$25.00 \$25.00
000 1466	Term: Wood	1020 Camellia Dilve, muistel, indrana 40321 830 Fact North Avenue Flora Il 62030	Clav	11-27-88	\$25.00
	Helly mod	Box 2000 Boxto #90 Colone 11 G1036	Tobarriace	1-4-86	\$05.00
	Tarry Biscoll	157 Silver Street Bradford II. 61421	Stark	1-4-86	\$05.00
	Cono F Bookm	1821 John Prive Peri II 61354	LaSalle	2-22-86	\$05.00
000 1481	Ron Evenson	111 Briar Lane. Morris. II. 60450	Grundy	2-25-86	\$05.00
	James Tennant	815 Cypress Lane, Joliet, Il. 60435	Will	2-25-86	\$05.00
000 1484	Michael Darragh	3538 West Columbia, Chicago, II. 60652	Cook	2-25-86	\$05.00
	James C. Arena	704 Linden Ct., West, Itasca, Il. 60143	DuPage	2-25-86	\$05.00
	Michael L. Vig	R. R. #1, Lemont, II. 60439	Cook	2-25-86	\$05.00
	Michael Rossi	17315 South Throop St., E. Hazelcrest, Il. 60429	Cook	3-11-86	\$05.00
000 1488	Stephen Ayers	R. R. #2, Box 26, Bernent, II. 61813	Piatt	3-19-86	\$05.00
	Ronald Backer	1316 West Moss Avenue, Downers Groce, Il. 60515	Peoria	4-6-86	\$05.00
	Francis Kendorski	4921 Chase Avenue, Peoria, II. 61606	DuPage	4-6-86	\$02.00
000 1492	Harry Fraase, Jr.	R. R. #6, Springfield, Il. 62707	Sangamon	4-12-86	\$05.00
	William Dyson	8823 Southmoor, Highland, Indiana 46322		4-29-86	202.00
	James Kinner	R. R. #1, New Berlin, II. 62670	Sangamon	4-29-86	\$05.00
	Dean Mento	10408 Avenue M, Chicago, 11. 60617	X S	4-29-80	302.00 No Ego
	David Moore	820 North Glenwood, Aurora, 11. 60306	Nane 	00-67-6	200
	Fred Lowe	501 East Lark, Morrison, II. 61270	Whiteside	2-22-80	#02.00
	Daniel Ochs	400 East Overton Street, Tuscola, 11. 61958	Douglas	02-02-00	905.00
	Timothy Stauffer	R. R. #1, Box 117, Kenney, 11. 51/49	Woodford	8-25-86	\$05.00 00.500
000	Art wiegand	K. K. #1, BOX 40, COURTVILLE, II. 01/29	n TOTROO	20-07-8	20.50
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Fee	285.00 28
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County	Henry Cook St. Clair Livingston Logan Bock Island Pecria St. Clair Morgan LaSalle Morgan Effingham Effingham Effingham Effingham Effingham Cook Mason Clark Mason Clark McDonough Cook Mason Clark McDonough Cook Mason Clark McDonough Cook Mason Clark McDonough Cook Mason Clark McDonough Cook Mason Clark McDonough Cook McDonough Cook Cook Cook Cook Cook Cook Cook Coo
Applicant's Address	Boute #1, Box 75, Colona, II. 61241 513, South Holland, II. 66473 Box 152, Leaburg, II. 62255 R. R. #2, Chenca, II. 61726 Box 343, Raynolds, II. 61729 Box 343, Raynolds, II. 61279 Box 543, Raynolds, II. 61279 Box 624, Raynolds, II. 61279 Box 620th Blaine Street, Peoria, II. 61655 R. R. #1, Versallies, II. 62276 Box 622 Lakeview Drive, Lenzburg, II. 62255 R. R. #3, Box 327, Bureka, II. 61341 R. R. #7, Teutpolis, II. 62467 R. R. #1, Effinghan, II. 62467 R. R. #2, Blandisville, II. 61420 R. R. #2, Individual, II. 62471 R. R. #2, Individual, II. 62471 R. R. #2, Individual, II. 6030 R. R. #1, Extract, Vandalia, II. 62471 B. R. #2, Individual, II. 6030 R. R. #1, Extraction, II. 61030 R. R. #1, Surect, Vandalia, II. 62471 B. R. #1, Evirone, II. 62655 Box 73, Westfield, II. 62474 T. South Johnson, Record, II. 61030 Box 73, Westfield, II. 62474 T. South Sarement, Officago, II. 6603 R. R. #1, Claremont, II. 62655 Box 73, Westfield, II. 62474 T. South Sarement, Officago, II. 66031 Box 73, Westfield, II. 62474 Tolare, Dixon, Illinois 61021 Box 74, Avenue, Sterling, III. 61031 Box 75, Raynon, Illinois 61021 Box 75, Warte, Illinois 61027 Box 74, Warte, Illinois 61027 Box 75, Roynon, Illinois 61027 Box 75, Roynon, Illinois 61027 Box 75, Roynon, Illinois 61027 Box 74, Avenue, Sterling, II. 60206 Box 305, Duke Center, Pa. 16729 Box 75, Duke Center, Pa. 16729 Box 305, Duke Center, Pa. 16729
Name of Applicant	John Swan Phillip Dalenberg Michael Alstaft David Amstrong Dany Aughton Baril Blankenship James Hurpirries, Jr. Jack McGlasson Stephen Mulligan William Orsburn Orval Porth Lane Tate John Roberts David Pals Charles Meisenheimer Mark Ebert is eneberg Glane Rabel Glane Rabel Glane Sheely Glann Webe Alfred Baker Clarartes Weisenheimer Wen Sheely Glann Webe Alfred Baker Clarartes Oble Jerry Varder Patrick O'Shea Roy Seright Speright James Devillz Roy Lathrop Gerald Karlsen John Katzke Joseph Kraps William Tucker William Tucker William Boerner Thomas Boerner Glenn Benson Glenn Benson Herbert Kaufman
License	000 1550 000 1551 000 1552 000 1552 000 1552 000 1552 000 1552 000 1553 000

License	Name of Applicant	Applicant's Address	County	Expiration Date	Fee
000 1563	Ronald I Mitchell	806 Washington Johnston City II. 62951	Williamson	10-4-86	\$05.00
000 1565	Ronald Weszely	2631 North Nordica, Chicago, II. 60635	Cook	10-13-86	\$05.00
000 1566	Theodore Doucette	Box 286, Bureau, II. 61315	Bureau	10-23-88	\$25.00
000 1567	Robert Olson	6105 North Pecatonica Road, Pecatonica, Il. 61063	Winnebago	10-21-86	\$05.00
000 1568	Robert Wettstein	R. R. #1, Eureka, Il. 61530	Woodford	10-26-86	\$05.00
	Craig Biers	404 Cleveland Avenue, Rochelle, Il. 61068	Ogle	11-15-88	\$25.00
000 1570	Paul E. Finley	253 West Van Buren, Greenview, Il. 62642	Menard	11-8-88	No Fee
	John Briar	401 South Cass Street, Virginia, II. 62691	Cass	1-4-86	\$05.00
	Robert M. Claussen	Box 26, Oakford, Illinois 62673	Cass	1-4-86	\$05.00
	Robert Meyer	Route #1, South Union, Staunton, Il. 62088	Macoupin	1-4-88	\$25.00
	Thomas Caldieraro	425 East Macoupin, Staunton, II. 60288	Macoupin	12-10-89	\$25.00
	William Knowles	Box 385, Route #3, North, Chester, Il. 62233	Randolph	1-19-86	\$05.00
	Peter Kodat	3495 Holderman Road, Morris, II. 60450	Grundy	1-26-86	\$05.00
	Dominic Visione	945 First Street, LaSalle, Il. 61301	LaSalle	1-26-86	\$05.00
	Norris J. Coulter	2612 North Newcastle Avenue, Chicago, II. 60635	Cook	2-16-86	\$05.00
000 1588	Edwin Gajewski	R. R. #1, Scheller, Il. 62883	Jefferson	3-6-86	\$05.00
000 1589	Donald Schanks	904 Barton Avenue, Marseilles, II. 61341	LaSalle	3-9-86	\$05.00
000 1590	Danny Crafton	121 2nd. Street, East, Andalusia, II. 61232	Rock Island	3-19-86	\$05.00
	Douglas Austen	906 East Washington, Urbana, II. 61801	Champaign	4-6-86	No Fee
	Thomas Skelly	1311 South Cottage Grove, Urbana, II. 61801	Champaign	4-6-86	\$05.00
	John Raczek	4005 West Minooka Road, Morris, II. 60450	Grundy	4-9-86	\$05.00
000 1597	John Arnold	917 West Lake Drive, Springfield, II. 62707	Sangamon	4-9-86	\$05.00
000 1598	David Bowden	9832 North Blacksoil Lane, Peoria, II. 61615	Peoria	4-9-86	\$05.00
	Gary Collard	R. R. #1, Winchester, Il. 62694	Scott	4-9-86	\$05.00
000 1601	Raymond Cox	Route #1, Box 421, Leeds, Alabama 35094		4-9-86	\$05.00
.000 1602	Dempsey Cross, Jr.	4125 Lake Drive, Granite City, II. 62040	Madison	4-9-86	\$05.00
000 1604	David Eiben	R. R. #1, Ottawa, Il. 61350	LaSalle	4-9-86	\$05.00
000 1605	Ralph Gwaltney	911 Painter Street, Streator, Il. 61364	LaSalle	4-9-86	\$05.00
	Rod Hoskins	R. R. #1, Box 96B, Quincy, II. 62301	Adams	4-9-86	\$05.00
000 1608	Leonard Livengood	2516 West Lenwood, Peoria, Il. 61604	Peoria	4-9-86	\$05.00
	Billie Richards	2323 Antoinette Street, Peoria, Il. 61605	Peoria	4-9-86	\$05.00
000 1611	Darrell Tyler	3017 Forrest, Granite City, II. 62040	Madison	4-9-86	\$05.00
	Mark Wintjen	R. R. #1, Hamburg, II. 62045	Calhoun	4-9-86	\$05.00
000 1613	William Arnold, II	R. R. #2, Box 70, Teutopolis, Il. 62467	Effingham	4-10-86	\$05.00
	David Wawzyniak	20486 Meadow Lane, Barrington, II. 60616	Lake	4-10-86	\$05.00
000 1615	John Bowman	R. R. #7, Box 401, Marion, Il. 62959	Williamson	4-11-86	\$05.00
000 1619	Chester Royer	Victoria, II. 61485	Knox	5-2-86	\$05.00
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# EXPLOSIVE LICENSES ISSUED -- 1985

License	Name of Applicant	Applicant's Address	County	Spiration Date	Fee
000 1620	Jerome Vanderwerf	4620 Ivanhoe, Lisle, II. 60532	DuPage	5-2-86	\$05.00
000 1622	Bill Weder	Route #1, Box 76, Marine, Il. 62061	Madison	5-3-86	\$02.00
000, 1623	Myron McCaskey	R. R. #2, Odell, II. 60460	Livingston	5-16-86	\$02.00
	Clarence Monroe	R. R. #2, Box 63, Peoria, II. 61615	Peoria	5-21-86	\$05.00
	Larry Dhooge	3306 248th. Street, Hillside, Il. 61257	Rock Island	6-13-86	\$05.00
	Randell L. Chenoweth	R. R. #2, Box 611-A, East Moline, Il. 61244	Rock Island	6-13-86	\$05.00
	Donald Ropp	Route #2, Colona, II. 61241	Henry	6-13-86	\$05.00
000 1630	James Davy	811 East Marion, Arlington Heights, Il. 60004	Cook	6-19-86	\$05.00
	Henry Quevedo	Route #1, 875NG, Carbon Hill, II, 60416	Grundy	6-19-86	\$05.00
	Larry Slegona	129 Lela Lane, Schaumburg, Il. 60193	Cook	6-19-86	\$02.00
000 1633	Mark Maurer	79 Springdale Road, Montgomery, Il. 60538	LaSalle	98-02-9	\$05.00
	H. Beecher Williams	Box 533, Harrisburg, Il. 62946	Saline	98-92-9	\$05.00
	Steven Barclay	2421 East Washington, #2-25, Bloomington, Il. 61701	McLean	2-6-86	\$05.00
	Scott Murphy	R. R. #1, Shirley, II. 61772	McLean	2-6-86	\$05.00
	Larry Bird	404 8th. Street, Peru, Il. 61354	LaSalle	7-10-86	\$05.00
000 1638	Dieter H. Strum	78 Cedar Point Drive, Williams Bay, Wi. 53191		7-17-86	\$05.00
	Steven Pettigrew	2737 Merryman's Mill Road, Phoenix, Md. 21131		7-26-86	\$05.00
	Lawrence Bropin	Box 8, Ringwood, Il. 60072	McHenry	7-31-86	\$05.00
	Don Noel	1715 3rd. Avenue, North, Escanaba, Michigan 49829		7-31-86	\$05.00
	Robert Hett .	407 Winchester Road, Washington, II. 61571	Tazewell	8-2-86	\$05.00
000 1644	Wayne Lapen	2706 West Huntington, Peoria, II. 61614	Hardin	9-1-86	\$05.00
000 1647	Jonnie Butler	12556 South Lowe, Chicago, 11. 60632	Cook	9-13-86	\$05.00
000 1648	Victor Rocus	5400 South Richmond, Chicago, II. 60632	Cook	9-13-86	\$05.00
	Cutis Arnell	6500 South Bell Avenue, Chicago, II. 60636	Cook	9-13-86	\$05.00
	Henry Dewalt	1119 Monticello, Chicago, Il. 60651	Cook	11-12-88	\$25.00
	Mike Maloney	8309 South 82nd, Ct., Justice, Il. 60458	Cook	9-13-86	\$05.00
	Alex Moody	1138 West 79th. Street, Chicago, Il. 60620	Cook	9-17-86	\$05.00
	James Pattison	14331 Yates, Burnham, Il. 60633	Cook	9-19-86	202.00
	Odice Allen	6842 North Perry, Chicago, II. 60621	Cook	9-26-86	\$05.00
	Dale Brent	Box 661, Rosiclare, Il. 62982	Hardin	9-52-86	\$05.00
	Robert Gilkeson	707 South State, Champaign, 61820	Champaign	9-26-86	\$05.00
	Victor Romani	705 West Webster Street, Benton, Il. 62812	Franklin	10-23-88	\$25.00 \$25.00
-	Leonard Porter	5724 Broad Street, Moscoe, 11. 61073	winnepago	10-64-00	900.00
	Kenneth Tapscott	530 Circle Drive, Pleasent Plaines, Il. 62677	Sangamon	11-19-88	No ree
	James Bandera	201 North Vanburen, West Frankdort, 11. 02890	rrankiin	12 18 88	\$25.00
9991 000	David McGinnis	LYOS CHESTRUIT, MISDAWAKA, INDIANA 46245		20-01-01	

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Expiration Date	12-6-88 112-6-88 112-56-86 11-14-86 11-14-86 11-14-86 11-14-86 11-14-86 11-14-86 11-12-86 14-
County	Macoupin Clark Clock Clock Peoria Peoria Adams Adams Adams Adams Adams Maramon Kan Macoupin Defallo Cook Marshall Sangamon Schuyler Christian Tazewell Sangamon Schuyler Christian Itazanle Greene Marshalle Greene Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Marshalle Creane Creane Marshalle Creane Creane Marshalle Creane Marshalle Creane Creane Creane Creane Marshalle Creane Crea
Applicant's Address	5403 Ironwood Road, South Bend, Indiana 46614 Edge Long Mart Drive, Indianapolis, Indiana 46256 Edge Long Mart Drive, Indianapolis, Indiana 46256 Edge Long Mart Drive, In 62674 Edge Salmart J. II. 62674 11. 6320 12. West Glancrest, Peoria, II. 61614 13.2 West Glancrest, Peoria, II. 61614 13.2 West Glancrest, Peoria, II. 61614 13.25 Calhoun Street, Cary, Indiana 46406 19.39 Adams, Quincy, II. 62301 11. 62552 13.0 West Brown, Diverson, II. 62500 15.1 Midway Drive, Batavia, II. 6012 15.1 Midway Drive, Batavia, II. 6012 15.1 Midway Drive, Batavia, II. 62581 16. North Taft, Hillside, II. 62581 16. North Taft, Hillside, II. 62818 1007 Patterville, II. 62918 1007 Patterville, II. 62918 1007 Patterville, II. 62515 1007 South Sheridan Street, Pana, II. 62557 1007 Gsouth Sheridan Street, Pana, II. 62557 1007 Gsouth Sheridan Street, Pana, II. 62557 1007 Gsouth Sheridan Street, Pana, II. 62567 1007 Host Broadway, Streator, II. 61301 18. R. #1, Box 66, Sheldon, II. 61301 19. R. #2, Box 23. Fleidon, II. 62346 19. Worth Street, Marsellles, II. 61301 19. R. #2, Box 25, Jula, II. 62346 19. Say Breese, II. 62230 19. Baset Main Street, Avision, II. 6201 19. Bast Main Street, Avision, II. 62216 19. Bast Main Street, Avision, II. 6220 19. Bast Main Street, Avision, II. 6220 19. Bast Main Street, Avision, II. 6220 19. Bast Main Street, Avision, II. 62216 19. Bast Main Street, Avision, II. 62201 19. R. #4, Streeter, Avision, II. 6201 19. R. #4, Streeter, Ile Zurich, II. 60047 11. 18. #1, Streeter, Ile Zurich, II. 60047
Name of Applicant	Minton McGinnis Johnine Wilcox Massell Ralston Hillard Bischoff Mitchael E. Summerville Richard W. Tingleff Edsol Thomas Bryan D. Stater Mitchael J. Aden Bryan D. Stater Mitchael J. Aden Bryan D. Stater Raymond J. Goluszka Ihomas M. Kell Gary D. Lee Robert B. Pierson Reger P. Spresser Daniel F. Alexander Steven M. Grayne Gerald L. Culberson Reger P. Spresser Daniel F. Alexander Steven John Brown Steven John Brown Mery L. Flentge Marvin Elses Henry W. Gauwitz, Jr. Richard A. Latino Michael G. Lazar Duglas R. Meyers Stanley D. Morris John W. Pomerroy, Jr. Marvin Raikes John W. Pomerroy, Jr. Marvin Raikes John W. Pomerroy, Jr. Marvin Raikes John W. Pomerroy, Jr. Millam E. Sapp Kervin R. Thue Ourt Void Bon Cocur Goreporty L. Lentman Paul A. Harkness
License	000 1667 000 1668 000 1673 000 1673 000 1674 000 1675 000 1676 000 1676 000 1683 000

# EXPLOSIVE LICENSES ISSUED -- 1985

Applicant's Address
50 East Main Street, Lake Zurich, 11. 60 242 South Chase, Lombard, 11. 60148
165 Larchmont Lane, Bloomingdale, II. 60108 R. R. #1. Golconda. II. 62938
185 Church Street, Coal City, Il. 60416
104 Waubanger, Box 667, Minooka, Il. 60447
1804 West Welmit Maries 11 62050
R. R. #2. Riverton 11. 62561
R. R. #2, Amboy, 11, 61301
Star Route, Robinson, Il. 62454
1715 Winding Hills Road #225, Davenport, Ia. 52807
13222 S. W. Frontage Road, Plainfield, Il. 60544
Marengo, Illinois 60152
215 East Marsile #3, Bourbonnais, Il. 60914
2871 2350th. Road, Sececa, 11. 61360
461 Wesley Drive, Addison, II. 60101
461 Wesley Drive, Addison, Il. 60101
971 North 39th. Road, Mendota, II. 61342
R. R. #1, Box 96C, Junction, II. 62934
R. R. #2, Elizabethtown, Il. 62931
9 WestBrook Lane, Freeburg, 11, 62243
Box 22. Golden, 11. 62339
Box 153, Golden, II, 62339
757 Commercial Street, Marseilles, Il, 61341
7502 South Lockwood Avenue Burbank, 11, 60459
R. R. #1. Box 41. Martinsville. Il. 62442
1114 MacArthur Blvd., Springfield, Il 62704
Box 96, East Dean Street, Wilsonville, Il. 62093
814 2nd, Avenue, Joliet, Il. 60433

1985 - 1986

COUNTY   EXPLOSIVES   ICATE   FEE BLASTING   ICATE   FEE   ICATE   I	TIOCATION OF MAGAZINES IDOUNDS OF CER
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	CERTIFICATE OF COMPLIANCE EXPLOSIVES	OF COMPLIAN	ICEEXPLOSI	VES		PAGE NO.2	2.0	
	LOCATION OF MAGAZINES	MAGAZINES	POUNDS OF	CERTIF-		NUMBER OF	CERTIF-	
NAME	POST OFFICE	COUNTY	EXPLOSIVES	ICATE	FEE	BLASTING CAPS	ICATE	FEF
Olin Corporation	East Alton	Madison				2,000	2695	\$15.0
Olin Corporation	East Alton	Madison				2,000	2693	\$15.0
Olin Corporation	East Alton	Madison				2,000	5694	\$15.0
Olin Corporation	East Alton	Madison				2,000	2692	\$15.0
Olin Corporation	East Alton	Madison				2,000	9699	\$15.0
Olin Corporation	East Alton	Madison				2,000	2697	\$15.C
Olin Corporation	East Alton	Madison				2,000	2698	\$12,0
Olin Corporation	East Alton	Madison				2,000	2699	\$15 C
Olin Corporation	East Alton	Madison				2,000	2200	\$15.C
Olin Corporation	East Alton	Madison				2,000	5701	\$15.0
Olin Corporation	East Alton	Madison				2,000	5702	\$15.0
International Wireline Services	Newton	Jasper	යි	5703	\$15.00		5704	\$15.0
International Wireline Services	Newton	Jasper	400	5705	\$15,00			
Duke Wireline Services, Inc.	Mt. Sterling	Brown	20	5706	\$15.00	100	5707	\$15.0
Troy Grove Stone Quarry, Inc.	Troy Grove	LaSalle	20,000	5708	\$15.00	2,000	5709	\$15 0
Grav Quarries. Inc.	Hamilton	Hancock	20,000	5710	\$15.00	2,000	5711	\$15.0
V. H. Callender Construction Company	Valley City	Pike	20,000	5712	\$15.00	2,000	5713	\$15.0
V. H. Callender Construction Company	New Hartford	Pike				2,000	5714	\$15.0
Andy Aldrich	Taylorville	Christian	20	5715	\$15.00	250	5716	\$15.0
Hanseman's Gun Shop	Centralia	Clinton	20	5718	\$15.00			
Larry J. Bigard	Newton	Jasper	1,000	5719	\$15.00	300	5720	\$15.0
Dresser Atlas	Olney	Richland	20	5721	\$15.00	1,000	5722	\$15.0
Dresser Atlas	Olney	Richland	100	5723	\$15.00			
Ozark-Mahoning Co Annabel Lee Mine	Cave In Rock	Hardin	42,000	5724	\$40.00			
Ozark-Mahoning Co Annabel Lee Mine	Cave In Rock	Hardin	20,000	5726	\$15,00	12,000	5727	\$15.0
Ozark-Mahoning Co Denton Mine	Karbers Ridge	Hardin	42,000	5728	\$40.00	2,000	5729	\$15.0
Ozark-Mahoning Co Denton Mine	Karbers Ridge	Hardin	20,000	5730	\$12.00			
Ozark-Mahoning Co Knight Nine	Rosiclare	Hardin				20,000	5731	\$15.0
Ozark-Mahoning Co Knight Mine	Rosiclare	Hardin				20,000	5732	\$15.0
Ozark-Mahoning Co Henson Mine	Colconda	Pope	30,000	5733	\$15.00	12,000	5734	\$15.0
Ozark-Mahoning Co Henson Mine	Colconda	Pope	42,000	5735	\$40.00			,
Peabody Coal CoWill Scarlet Mine	Carrier Mills	Saline	10,000	5736	\$15.00	10,000	5737	\$15.0
Denny & Simpsin Stone Co., Inc.	Cave In Rock	Hardin	2,000	5738	\$15.00		5739	\$15.00
Equality Mining, Inc.	Equality	Saline	5,000	5740	\$15.00		5741	\$15.0
General Purpose Rock Company	Rushville	Schuyler	200,000	5742	\$15.00		5743	\$1500
Midwest Sporting Goods Company, Inc.	Lyons	Cook	20	5744	515.00			
Larry's Gun Shop	McLeanshoro	Hamilton	20	5745	\$15.00	_		

CERTIFICATE OF COMPLIANCE -- EXPLOSIVES

PAGE NO.3

\$15.0 \$15.0 \$15.0 \$15.0 \$15.0 \$15.00 \$15.0 \$15.0 \$15.0 \$15.0 \$15.0 \$15.0 \$15.0 \$15.0 \$15.0 FEE CERTIF NUMBER ICATE 5770 5780 5763 5765 5767 5775 5785 5786 5788 5789 5791 5793 5795 5761 5,000 2,000 2,000 1,200 3,000 50,000 3,000 200 20,000 25,000 20,000 NUMBER OF BLASTING CAPS \$15.00 \$15.00 \$15.00 \$15.00 \$15,00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 840.00 \$40.00 \$15,00 \$15,00 315.00 FEE LOCATION OF MAGAZINES | POUNDS OF | CERTIF-ICATE NUMBER 5773 5776 5779 5792 5746 5748 5749 5750 5752 5760 5762 5764 5766 5768 5771 5774 5778 5781 5782 5787 5794 5751 EXPLOSIVES 30,000 20,000 2,000 2,000 1,500 000,1 3,000 8 20,000 1,000 5,000 30,000 20,000 180,000 20,000 8,0 000,00 ivingston Winnebago Jefferson Henderson Jefferson McDonough Jefferson JoDaviess /accoupin Hamilton Gallatin Macoupin PrairieDuRocher Randolph POST OFFICE | COUNTY IaSalle McLean Kabash Greene Greene Perry Ogle Henry Henry Henry Coles Henry Perry lenry lacon Henry Henry Will Will Farmersville Waltonville McLeansboro Bloomington Shawneetown Dallas City Mt. Vernon Plainfield Mt. Vernon Mt. Carmel Loves Park Elizabeth Hillview Industry Oakland Holcomb DuQuoin Cornell Oglesby Decatur DuQuoin Lemont Virden Kane OSCO SSC 0000 988 Sco OSCO OSCO Peabody Coal Co.-Eagle Underground #2 Boughton Trucking & Materials, Inc. Freeman United Coal Mining Company Freeman United Coal Mining Company Freeman United Coal Mining Company Freeman United Coal Mining Company Freeman United Coal Mining Company Freeman United Coal Mining Company Precision Well Perforating Corp. Jo-Carroll Electric Coop., Inc. Alan Neil Tracy Sporting Goods Dessford Construction Company Valley View Industries, Inc. Smileys Sports Shop, Inc. Vulcan Materials Company Francis J. Henry, Inc. Inc. Inc. Osco Fireworks, Inc. Valsted Quarry, Inc. Inc. Osco Fireworks, Inc. Dsco Fireworks, Inc. Valsted Quarry, Inc. Stotz Quarry, Inc. Mountain Men Shop Village Gun Shop NAME Osco Fireworks, Osco Fireworks, Osco Fireworks, Charles Madison Osco Fireworks, Orient Mine #6 Crown Mine III Trader Bill's Fidelity Mine Oresser Atlas Dresser Atlas Crown Mine II ndustry Mine Fidelity Mine

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Rowe Rochelle Ogle Plainfield Peoria Carterville Willamson Carterville Williamson Williamson Carterville Williamson Williamso	20,000	5797	\$15.00	2,000	5798	\$15.0
Rochelle   Ogle	3,000	2800	\$15.00		5801	\$15.0
Brothers, Inc.  Brothers, Inc.  Dlain field  Williamson Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville	4,000	5802	\$15.00	2,000	5803	\$15.0
Decria Pecria Pecria Pecria Pecria Carterville Williamson Cartervill		5804	\$15.00		5805	\$15.0
Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Willia	20	2806	\$15.00			
Carterville Williamson Corporation Carterville Williamson Cartervil	300,000	2807	850.00			
Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Corporation Carterville Williamson Carterville Will	300,000	2808	320.00			
Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carter	300,000	2809	\$50,00			
Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carter	300,000	5810	\$50.00			
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Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carte	300,000	5818	350.00			
Carterville Williamson Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carter	300,000	5819	\$50.00			
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Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Will	300,000	5821	\$20.00			
Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Cart	300,000	5822	\$50.00			
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Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Cart	300,000	5825	200.00			
Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson           Corporation         Carterville         Williamson	300,000	98.56	2000			
Corporation	300,000	5827	200.00	_		
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Octoration Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson	300,000	2830	820.00			
Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Corporation Carterville Williamson Carterville Williamson Carterville Williamson	300,000	5831	\$50,00	_		
Carterville Williamson Carterville Williamson Carterville Williamson Carterville Williamson	300,000	5832	320.00			
Carterville Williamson Carterville Williamson Carterville Williamson	300,000	5833	320.00			
Carterville Williamson	300,000	5834	220.00			
Carterville Williamson	300,000	5835	220.00			
	300,000	5836	\$50.00			
Marion Williamson	300,000	5837	550.00		1	
Olin Corporation   Williamson   3	300,000	2838	200,000			

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~	1	Williamson Williamson
CERTIFICATE	LOCATION OF MAGAZINES POST OFFICE COUNTY	Marion Ma
_	NAME	Olin Oxporation Olin Oxporation

FEE				\$12.00			\$15 00	\$15.0	-		\$15.00	\$15.00	\$15.0	\$15.0			\$15.00	\$15.00	\$15.00		\$15.00	\$15.00	\$15.00	\$15.0	\$15.00		\$15,00	\$15.00	315.00	\$15.00		\$15.00	\$15.00	\$15.00				\$15.00
CERTIF- ICATE	NUMBER		0	2882			2886	5888			5892	2894	2898	2900			5904	2906	2908		5911	6102	6104	9019	6108		6111	6113	6115	6119		6122	6124	6126				6131
PAGE NO.6 NUMBER OF CI BLASTING I	CAPS			400,000			200,000	150,000			400,000	400,000	25,000	100,000			2,000	1,000	250		1,500	10,000	200	2,000	300		200	20,000	200	20,000		10,000	1,500	1,000				1,000
FER	-	\$50.00	\$50.00	\$50.00	\$40.00	\$40.00	\$50.00	\$50.00	350.00	\$50 00	\$40.00	340.00	\$15.00	:40.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
VES CERTIF- ICATE	NUMBER	5877 5878	5879	5881	5883	5884	5885	5887	5889	2890	5891	5893	5897	5899	5901	5902	5903	5905	2907	5909	5910	6101	6103	6105	6107	6019	6110	6112	6114	6118	6120	6121	6123	6125	6127	6128	6129	6130
POUNDS OF EXPLOSI		300,000	300,000	300,000	80,000	20,000	150,000	150,000	150,000	200,000	000,09	000,000	20,000	100,000	20,000	R	10,000	2,000	20	200	800	20,000	800	2,500	200	22	22	20,000	1,000	15,000	S	20,000	4,000	2,500	20	20	009	28
OF COMPLIAN MAGAZINES		Williamson	Williamson	Williamson	Peoria	Peoria	Peoria	Fee	l'ee	Fee	JoDaviess	JoDaviess	Monroe	Williamson	Williamson	Henry .	Boone	Winnebago	Wayne	Wayne	Saline	Union	Clay	Hardin	White	Will	Wabash	St. Clair	Jefferson	Randolph	McDonough	Rock Island	Henry	McLean	Montgomery	Cook	Wayne	Wayne
CERTIFICATE OF COMPLIANCEEXPLOSIVES LOCATION OF MAGAZINES POUNDS OF CER POST OFFICE   COUNTY EXPLOSIVES ICA		Crainville Crainville	Crainville	Marion	Pottstown	Pottstown	Pottstown	Dixon	Dixon	Dixon	Galena	Galena	Waterloo	Marion	Marion	Orion	Belvidere	Loves Park	Fairfield	Fairfield	Carrier Mills	Anna	Clay City	Rosiclare	Carmi	Rockdale	Mt. Carmel	.Cahokia	Texaco	Chester	Colchester	Milan	Colona	Danvers	Hillsboro	Hanover Park	Fairfield "	Fairfield
- N		Olin Corporation	Olin Corporation	Doolev Brothers, Inc.	Dooley Brothers, Inc.			=	Explo-Midwest, Inc.	For Jo-Midwest Inc.		Explo-Midwest. Inc.	Onality Stone Company, Inc.	Wine Service Company, Inc.	Mine Service Company, Inc.	Rio Grande Engineering	Rockford Blacktop Const., Co.	Bockford Blacktop Const Co.	Wayne County Well Surveys, Inc.	Wavne Sounty Well Surveys, Inc.	I. I. Track Mining Co., Inc. Corp.	Anna Charries, Inc.	Bangert Casing Pulling Corp.	Barter Enterpries	Bi-Petm. Inc.	The Bownicci	Brewster Well Perofrating Service	Casper Stolle Quarry & Construction Co	Ce.Is Comoration	Chester Quarry Co.	Colchester Sport Center	Collinson Stone Co.	1. D Davis Const Inc.	Donovan Demolition, Inc.	Fuller Bro Dkg Limor & Spt. Goods	GAT Gus Inc.	Cain Wire Line Services, Inc.	Gain Wire Line Services, Inc.

	FEE	\$15.00	\$15.0 \$15.0	\$15.00	\$15.00	\$15.00	\$15.00		\$15.00		\$15.00	W.C. 1	N°CT¢.	910	\$15.00	815.0	\$15.0	\$15.00	\$15.00	\$15.00		\$15.00	\$15.00	\$15 C										
7.0	CERTIF- ICATE NUMBER	. 6134	6139	6141	6143	6145	6148		6151		6154	0170	0070	נטנט	6163	6165	6167	6169	6170	6172		6174	9/19	6179										_
PAGE NO.7	NUMBER OF BLASTING CAPS	3,000	000,1	30,000	8,000	200	2.000		2,000		200	000,1	T, 500		200	200	100,000	30,000	200	4,000		2,000	2,000	4 500										_
	FEE	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	200	\$15,00	415	315.00	\$15.00	\$15.00	\$15.00		\$40.00	\$15.00		\$15,00	312	\$15.00	\$15,00	\$15.00	\$15,00	\$50.00	50000	200	\$50.00	\$50.00	\$50.0d
VES	CERTIF- ICATE NUMBER	6132 6133	6138	6140	6142	6144	6147	6149	6150	6152	6153	6153	6150	GTO	6169	6164	6166	6168		6171	6173		6175	6178	6180	6181	6182	6183	6184	6185	6187	6188	6189	6190
CEEXPLOSI	POUNDS OF EXPLOSIVES	50 400	000	19,900	10,000	100	10.000	8	10,000	2	20 20	000,61	8 6	96	4,000	96	19,800	20,00		20,000	20		1,000	000	200	20	20	20	300,000	250,000	35,000	250,000	150,000	300,000
OF COMPLIAN	COUNTY	Vermilion Cook	Brown	Clay	Washington	Schuyler	Vermilion Livingston	Perry	McDonough	Adams.	Wayne	argri	Macon	Macoupin	FOCK ISLAND	Chatetion	Madison	Saline	Saline	Johnson	Will	Cook	Wayen	Macoupin	Madison	Madison	Kane	Christian	Williamson	Grundy	Grundy	Grundy	Grundy	Grundy
CERTIFICATE OF COMPLIANCE EXPLOSIVES	LOCATION OF MAGAZINES POST OFFICE   COUNTY	Fairmount Chicago	Grayville Mr Sterling	Iola	Radom	Rushville	Tilton Weston	Pinckneyville	Tennessee	Quincy	Fairfield	Stillman			MIan	Desser	Vawnee .	Harriching	Eldorado	Buncombe	Lemont	Dolton	Fairfield	Gillespie	Wichland	Highland	Elgin	Taylorville	Ordi1	Seneca	Seneca	Seneca	Seneca	Seneca
-	NAME	George's Gun and What Not Shop The Edward Gray Corporation	Illinois Casing Pulling Company	Iola Giarry. Inc.	Jax Asphalt Company	Franklin F. Kotter	Lebanon Chemical Corp.	Mann & Son Sporting Goods	McClure Quarries, Inc.	Merkels, Inc.	Mid-States Logging & Perforating	Miller's Blasting Service, Inc.	The L. E. Myers Company	Neighbors Black Powder Guns & Supplies	Normoyle-Berg & Assoc., Inc.	Old ben Coal Company - Mine #21	Peabody Coal Company - Mine #10	Saham Coal Company, Inc.	Southeastern Illinois Electric Coop.	Southern Illinois Stone Co.	Southwest Shooters Supply, Inc.	Charles R. Teas & Co.	Tri-State Casing Pulling Co.	Marlene I. Van Doren	zeigler Coal Company - Mine #1	I oo N Barth Welding & Shorting Sup.	B & I. Bod and Gan Shop	Brown & Sons. Inc.	E.D.C., Inc.	E. I. Du Pont de Nemours & Co.		E. I. Du Pont de Nemours & Co.	I. Du Pont de Nemours	E. I. Du Pont de Nemours & Co

	FEE			_			\$15.00	\$15.00	- ;	\$15.00	315.00	%12°00		515,00	00.010	215.00	\$15.00	315,00	\$15.00	\$15.00	:15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00				\$15	00,616	212	910.00	\$15.00	\$15.00	\$15.00	\$15,00
8.	CERTIF- ICATE NUMBER						8619	6199		6202	6204	6206		6209	1170	6213	6215	6217	6218	6220	6222	6223	6225	6227	6228	6230				0000	6236	0000	6539	6242	6244	6246	6248
PAGE NO.8	NUMBER OF BLASTING CAPS						2,000	100,000			1,000	20,000		20,000	000,0	10,000	150,000	20,000	250	2,000	10,000	2,000	2,000	2,000	100	200					2,000	,	1,250	300	150	5,000	2,000
	FEE	\$50.00	350.00	8.0	220.00	20.00	\$15.00		\$15.00	\$15.00	\$15,00	\$15.00	\$15.00	00.00	00.00	\$15.00	350.00	\$15.00		\$15.00	\$15.00		\$15.00	\$15.00		\$15.00	\$15.00	\$15.00	515.00	315.00	2000	200	\$15,00	\$15.00	\$15,00	\$15,00	\$15,00
IVES	CERTIF- ICATE NUMBER	6191 6192	6193	6194	6195	6196	6197		6200	_	6203	6205	6207	6208	0770	6212	6214	6216		_	6221		6224	6226		6229	6231	6232	6233	6234	6235	6237	6238			6245	6247
ICEEXPLOS	POUNDS OF EXPLOSIVES	300,000	250,000	80,000	300,000	300,000	4.500		100	96	1,000	3,000	20	45,000	m,67	20,000	160,000	20,000		3,000	20,000		20,000	20,000		20	20,000	20,000	200	2,000	200,000	1,000	2 2	1 200	200	20,000	20,000
OF COMPLIAN		Grundy Grundy	Grundy	Grundy	Grundy	Grundy	Grundy	Grundy	Cook	Jackson	Will	DuPage	Cook	Alexander	ogie .	DeKa1b	Grundy	LaSalle	Cook	Mercer .	Fulton	Fulton	Pike	Warren	Macon	Effingham	Madison	Madison	Madison	Madison	Madison	wabash	Wabash	TaSalle	Clav	Admas	Admas
CERTIFICATE OF COMPLIANCE EXPLOSIVES	LOCATION OF MAGAZINES POST OFFICE COUNTY	Seneca Seneca	Seneca	Seneca	Seneca	Seneca	Seneca	Seneca	Rolling Meadows	Murphysboro	Plainfield	Elmhurst	Iyons	Elco	Forreston	Sycamore	Morris	Utica	Chicago .	Matherville	Middlegrove	Middlegrove	Florence	Monmouth	Decatur	Teutopolis	Edwardsville	Edwardsville	Edwardsville	Edwardsville	Edwardsville	Mt. Carmel	Mt. Carmel	Streator	Clay City	Quincy	Loraine
	NAME	E. I. Du Pont de Nemours & Co. E. I. Du Pont de Nemours & Co.	I. Du Pont de	E. I. Du Pont de Nemours & Co.	E. I. Du Pont de Nemours & Co.	E. I. Du Pont de Nmeours & Co.	ī	H	Electrodynamics, Incorporated	Egyptian Electric Coop. Assoc.	Elmhurst-Chicago Stone Co.	Elmhurst-chicago Stone Co.	Frank's Hardware & Supply, Inc.	Illinois Minerals Co.	C. J. Kutz	Elmer Larson, Inc.	Ludwig Explosives, Inc.	Ludwig Explosives, Inc.	Maron Electric Co.	Mercer County Stone & Coal	Midland Coal Company - Rapatee Mine	Midland Coal Company - Rapatee Mine		Monmouth Stone Co.	PC. Ltd.	David H. Pals	Porpellex Corporation	Propellex Corporation	Propellex Corporation	Propellex Corporation			Star Jet Oil Well Service, Inc.	Shoot'N Shack	Wattles Casing Dilling Inc.	Western Illinois Stone Co.	Western Illinois Stone Co.

	CERTIFICATE OF COMPLIANCEEXPLOSIVES	OF COMPLIA	CEEXPLOS	IVES		PAGE NO.10	.10	
NAME	LOCATION OF MAGAZINES POST OFFICE   COUNTY	MAGAZINES COUNTY	POUNDS OF EXPLOSIVES	CERTIF- ICATE NUMBER	FEE	NUMBER OF BLASTING CAPS	CERTIF- ICATE NUMBER	FEE
Vulcan Materials Co. Vulcan Materials Co.	Casey	Clark Livingston	10,000	6312 6314	\$15.00	3,000	6313	\$15,00
Vulcan Materials Co.	Pontiac	Livingston	19,995	6316	\$15.00	10,000	6317	\$15.00
Vulcan Materials Co.	McCook	Cook				15,000	6318	\$15.00
Vulcan Materials Co.	Joliet	Will				2,000	6319	\$15.00
Vulcan Materials Co.	Hodgkins	Cook W41149mcon	250,000	6304	00 00	3,000	6320	\$15.00
Austin Powder Co.	Marion	Williamson	250,000	6325	850.00			
Austin Powder Co.	Marion	Williamson	250,000	6326	\$50.00			
Austin Powder Co.	Marion	Williamson	250,000	6327	\$50.00			
	Marion	Williamson	250,000	6328	350.00			
Austin Powder Co.	Marion	Williamson	250,000	6329	\$20.00			
Austin Powder Co.	Parion	Williamson	220,000	6330	\$20,00			
Austin Powder Co.	Marion	Williamson	250,000	6331	20000			
Austin Powder Co.	Marion	Williamson	250,000	6332	\$50.00			
Austin Powder Co.	Marion	Williamson	250,000	6333	2000	•		
Austin Powder Co.	Marion	Williamson	220,00	6334	220.00			
Austin Powder Co.	Marion	Williamson	250,000	6335	\$50.00			
Austin Powder Co.	Marion	williamson	000,002	6536	200	,	0000	L
Austin Powder Co.	Marion	Williamson	250,000	6337	200.00	1,000,000	6340	915.00
Einstein Stone Co.	Carlyle	Clinton	00,00	6341	30.00	000,00	0250	00.014
Kincajd Stone Co.	Campbell Hill	Jackson	10.000	6342	\$15.00	20,000	6343	\$15.00
Ottawa Industrial Sand Co.	Ottawa	LaSalle	20,000	6344	\$40.00	20,000	6345	\$15,00
Quality Lime Co.	Marshall	Clark	14,000	6346	\$15,00	15,000	6347	\$15,00
Universal Firearms, Ltd.	Franklin Park	Cook	20	6348	\$15,00			
Civil Construction, Inc.	Freeport	Stephenson	20,000	6349	\$15.00	2,000	6350	\$15.00
	Putman	Putman	800	6351	\$15.00	1,000	6352	\$15,00
Hanley Industries, Inc.	Marion	Williamson Williamson	98	6353	910			
Hanley Industries, Inc.	Alton	Madison	10	6355	\$15.00			
	Alton	Madison	200	6356	\$15.00			
	Alton	Madison	200	6357	\$15.00			
Industries,	Alton	Madtson	90	6358	\$15.00			
	Alton	Madlson	1,000	6329	\$15.00			
	Alton	New 1 Son	200	6360	\$15.00			
Manley industries, inc.	Alton	Madthon	3 6	6362	\$15.00			
			3					

-	CERTIFICATE OF COMPLIANCE EXPLOSIVES	OF COMPLIAN	CEEXPLOSI	VES		PAGE NO.11	.11	
	LOCATION OF MAGAZINES	MAGAZINES	POUNDS OF	CERTIF-		NUMBER OF	CERTIF-	
NAME	POST OFFICE COUNTY	COUNTY	EXPLOSIVES	ICATE	FEE	BLASTING	ICATE	EEE
Hanley Industries. Inc.	Alton	Madison	100	6363	\$15.00			
Healv/Vanessa	Palos Heights	Cook	1,000	6364	\$15.00	2,000	. 6365	\$15.00
Inland Steel Coal Co. Mine #2	McLeansboro	Hamilton	1,000	9989	\$12.00	1,000	6367	\$15.00
M. Lohr, Inc.	Godfrey	Madison	10,000	6368	\$15.00	2,000	6369	\$15.00
Lone Star Industries, Inc.	Oglesby	LaSalle	000'09	6370	\$40.00	1,500	6371	\$15.00
Wartin Marietta Basic Products								
Industrial Sand Division	Wedron	LaSalle .	20,000	6374	\$15.00	10,000	6375	\$15.00
Mississippi Lime Co.	Alton	Madison	40,000	6376	\$40.00			
Mississippi Lime Co.	Alton	Madison	40,000	6377	\$40.00	15,000	6378	\$15.00
Safety Consulting Engineers, Inc.	Forreston	Ogle	1,000	6329	\$12.00	,		
Missouri Portland Cement Co.	Cave In Rock	Hardin	40,000	6380	\$40.00	2,000	6381	\$15.00
Wonterey Coal Co. Mine #1	Carlinville	Macoupin	4,000	6382	\$15.00	2,000	6383	\$15.00
Wonterey Coal Co Minc #2	Albers	Clinton	2,000	6384	\$15.00	2,000	6385	\$15.00
Dale A Datterson	Dawson	Sangamon	100	6386	\$15.00		6387	\$15.00
Doebody Cosl Co Biver King Mine #3	Sparts	Randolph	20.000	6388	\$40.00		6380	\$15.00
Despode Cosl Co. River King Mine #6	Sparts	Randolph				15,000	6390	\$15.00
Donog Sports	Villa Park	DuPage	20	6391	\$15.00			
Bigehy & Bernard Charmy Inc.	Cave In Rock	Hardin	20,000	6392	\$15.00	20,000	6393	\$15.00
Schlimberger Well Services	Mt. Vernon	Jefferson	20	6394	\$15.00	200	6395	\$15.00
Schlimberger Well Services	Mt. Vernon	Jefferson	100	6396	\$15.00			
Sports & Spokes Inc.	Olnev	Richland	22	6397	\$15.00			
Star Fireworks Mfg. Co. Inc.	Danville	Vermilion	3,000	6398	\$15.00			
8	Danville	Vermilion	800	6399	\$15,00			
Mfg. Co.	Danville	Vermilion	2,000	6400	\$15.00			
Mfg 80.	Danville	Vermilion	4,900	6401	\$12.00			
Mfg., 60.,	Danville	Vermilion	1,000	6402	\$15.00			
Mfg., Co.,	Danville	Vermilion	2,000	6403	\$15.00			
Mfg.,	Danville	Vermilion	3,000	6404	\$15.00			
	Danville	Vermilion	3,000	6405	\$15.00			
Mfg., 60.	Danville	Vermilion	1,000	6406	\$15.00			
Mfg., Co.,	Danville	Vermilion	1,000	6407	\$15.00			
ls	National City	St. Clair	200	6408	\$15.00	1,000	6409	\$15.00
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6410	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6411	\$15.00			
Display	Danville	Vermilion	3,000	6412	\$15.00			
8	Danville	Vermilion	3,000	6413	\$15.00			
	Danville	Vermilion	3,000	6414	\$15.00 0.014			
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	0415	PO.CIA	-		

	CERTIFICATE OF COMPLIANCEEXPLOSIVES	OF COMPLIAN	ICEEXPLOSI	VES		PAGE NO.12	.12	
	LOCATION OF MAGAZINES	MAGAZINES	POUNDS OF	CERTIF-		NUMBER OF	CERTIF-	
NAME	POST OFFICE   COUNTY	COUNTY	EXPLOSIVES	ICATE	FEE	BLASTING	ICATE	बबर
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6416	\$15.00			
	Danville	Vermilion	3,000	6417	\$15.00			
Fireworks Display Co., ]	Danville	Vermilion	000,5	6418	\$15.00 \$15.00			
Γ,	Danville	Vermilion	3,000	6419	00.CI4		_	
Γ,	Danville	Vermilion	3,000	6420	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6421	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	2,000	6422	\$15,00			
World Fireworks Display Co., Inc.	Danville	Vermilion	2,000	6423	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	2,000	6424	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6425	\$12.00			
Fireworks Display Co.,	Danville.	Vermilion	3.000	6426	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	3.000	6427	\$15.00			
Fireworks Display Co.,	Danville	Vermilion	3,000	6428	\$15.00			
Fireworks Display Co.	Danville	Vermilion	3,000	6429	\$15,00			
	Danville	Vermilion	1,500	6430	\$15.00	_		
Fireworks Display Co	Danville	Vermilion	2,000	6431	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	1,000	6432	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6433	\$15.00			
World Fireworks Display Co., Inc.	Danville.	Vermilion	3,000	6434	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	2,000	6435	\$15.00			
World Fireworks Display Co., Inc.	Danville	Vermilion	3,000	6436	\$15.00			
	Danville	Vermilion	1,000	6437	\$15,00			
World Fireworks Display Co., Inc.	Danville	Vermilion	2,000	6438	\$15.00			
Union County Highway Dept.	Jonesporo	Union	200	6439	\$15.00	200		\$15.0
Central Limestone Co., Inc.	Lisbon	Kendall	20,000	6441	\$15.00	20,000		\$15.0
Cessford Construction Co.	Biggsville	Henderson	20,000	6443	\$15.00	2,000	5550	0.014
Coast To Coast Stores	Pontiac	Livingston	2	6445	bo cre	0		L
Grayville Casing Pulling & Supply Co.	Grayville	Edwards	250	6446	%T2.00	200	6447	\$15.C
Hastie Mining Co.	Cave In Rock	Hardin	18,000	6450	20.00	3,000	TC5-0	0.014
McKeown Sporting Arms Co.	Pekin	Tazewell	2	6452	\$0.00 0.01 0.01	0		L.
Meyer Materials Co.	Big Rock	Kane	35,000	6453	00.05	2,000		0"274
Meyer Materials Co.	Channahon	Will	000,000	6455	S40 00.00	1,000		\$15.0
R. L. O'Neal & Sons. Inc.	Plymouth	Hancock	20,000	6459	\$15.00	2,000		\$12.0
Peoria County Highway Dept.	Bellevue	Peorla	30	6461	\$15.00	75	6462	\$15.0
Pioneer Logging, Inc.	Mt. Carmel	Wabush	20	6463	\$15.00	420		\$15.0
Specification Stone Co.	Ohlman	Christian	30,000	6465	00. OF	10,000		\$15.0
Stephenson County Highway Dept.	Freeport	Stephenson	3,000	6467	\$15.00	150		\$15.0
Zeigler Coal Co.	Murdock	Douglass	700	6469	\$15.00	200	0.75	0.61%

	CERTIFICATE OF COMPLIANCE EXPLOSIVES	OF COMPLIAN	CEEXPLOS	IVES		PAGE NO.13	0.13	
rate N	LOCATION OF MAGAZINES	MAGAZINES	POUNDS OF	CERTIF-	202	NUMBER OF	CERTIF-	200
NAME	FOST OFFICE	$\overline{}$	TAL FOOT AND		404	CAPS	NUMBER	리 리 나
Gearhart Industries, Inc.	Keensburg	Wabash	25 22	6471	\$15.00	200	6472	\$15.00
Ernest Landry	Wenche	Montagement	88	6775	617	c	6476	\$15.C
Nokomis Quarry Co., or illinois	Flybart	Toron	3,6	272	215	36	6478	#15.C
Tiling Cal Colonial Common	Charmoton	Champaion	000	6479	\$15.00	3,5	2480	915.0
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Chicago	Cook	05	6481	\$15.00	3 5	6489	\$15.00
Consolidation Coal Company -	9		3			3		-
Burning Star Mine #2	Pinckneyville	Perry	100,000	6483	\$40.00	32,000	6484	\$15.00
Consolidation Coal Company -								
Burning Star Mine #4	Cutler	Perry .	40,000	6485	\$40.00	000,000	6486	\$15.00
Consolidation Coal Company -							!	
Burning Star Mine #4	Cutler	Perry.				20.	6487	\$15.00
John T. Redmond & Co.	Atkinson	Henry	200	6488	\$15.00	200	6489	\$15.00
Robert L. Lyons - Bob's Guns	Virginia	Cass	20	6390	\$15.00			
Crossroads Sporting Goods	Carterville	Williamson	20	6491	\$15.00			
Consolidation Coal Company -								
Burning Star Mine #5	Hurst	Jackson	32,000	6498	\$40.00	20,000	6499	\$12.00
Consolidation Coal Company -								
Burning Star Min4 #5	Hurst	Jackson	30,000	6500	\$40.00			
Tom's Gun Shop	St. Joseph	Champaign	20	6501	\$15.00			
Shelwell Services, Inc.	Mt. Sterling	Brown	1,000	6502	\$15.00	400	6503	\$15.00
	Marblehead	Adams	1,000	6504	\$15.00			
E. Wienen & Sons Const., Co., Inc.	Galena		2,000	6505	\$15.00	1,000	6506	\$15.00
Kenny Construction Co.	Chicago Heights		1,000	6507	\$15.00	2,000	6508	315.00
Oil Well Loggers, Inc.	Mt. Sterling	Brown	100	6203	\$15.00	10	6510	\$12.0
Cedar Shed Gun's & Armo	Vermont	Fulton	20	6511	\$15.00			
Inverness Mining Co., Mine #4	Cave In Rock	Hardin	20,000	6512	\$15.00	~	6513	\$15.00
Jader Fuel Co., Inc., Corp.	Leamington	Gallatin	20,000	6514	\$40.00	3,000	6515	\$12.00
Morgan Hardware & Sporting Goods	Louisville	Clay	20	6516	\$15.00			
William Thomas Viitala Co.	Huntley	McHenry	22	6219	\$15.00	20	6520	\$15.00
Maserang's Kummunity Store	Millstadt	St. Clair	20	6521	\$15.00			
Williams Quarry	Rosiclare	Hardin	10,000	6523	\$15.00	10,000	6524	\$15.00
Orland Park Gun Shop	Orland Park	Cook	20	6525	\$15.00			
Wildlife Materials, Inc.	Carbondale	Jackson	20	6526	\$15.00	12,000	6527	\$12.0
Wildlife Materials, Inc.	Crainville	Williamson	10,000	6528	\$15.00			
Pro Hunters	Belleville	St. Clair	2	6259	\$15.00		,000	
Evenson Explosives Inc.	Seneca	Grundy	30,000	6530	₩.0.%	14,000	6531	\$15.0

	CERIIFICAIE	OF COMPLIA	CERTIFICATE OF COMPLIANCEEXPLOSIVES	LVES		PAGE NO.14		
NAME	LOCATION OF MAGAZINES POST OFFICE COUNTY	COUNTY	POUNDS OF EXPLOSIVES	CERTIF- ICATE NUMBER	FEE	NUMBER OF BLASTING CAPS	CERTIF- ICATE NUMBER	FEE
Dooley Brothers, Inc.	Marion Wolf Lake	Williamson	300,000	6532	\$50.00			
Trojan Corporation	Wolf Lake	Union	230,000	6534	\$50.00			
Trojan Corporation	Wolf Lake	Union	4,000	6535	\$1.5.00	20,000	6536	\$15.0
Trojan Corporation	Wolf Lake	Union	150,000	6537	\$5.0,00			
Rainbow Stone. Inc.	West Point	Hancock	12,000	6239	\$15.00	1,000	6540	\$15.0
A. C. Pioneer Gun Supplies	Crossville	White	20	6541	\$15.00			
A. C. Pioneer Gun Supplies	Crossville	White	250	6542	\$15.00	,		
Arch of Illinois - Captain Mine	Pittsfield	Pike	100,000	6543	\$40.00	20,000	6544	\$15.0
Fonex Incorporated	Pittsfield	Pike	300,000	6545	\$50.00	1,000,000	6546	\$15.0
Econex, Incorporated	Pittsfield	Pike	200,000	6547	\$50.00			
Econex. Incorporaved	Pittsfield	Pike :	70,000	6548	\$40.00			
Elmhurst-Chicago Stone Co., Corp.	Lisle	Will.	1,000	6550	\$15.00	1,000	6551	\$15.0
Thomas Quarry, Inc.	Winchester	Scott	20,000	6552	\$15.00	1,000	6553	515.0
Snyder Drilling-Well Servicing Co.	Grayville	White	400	6554	\$12.00	400	6555	0.014
The Old Timers Shop	Dix	Jefferson	3,000		\$15.00			
The Old Timers Shop	Dix	Jefferson	20		\$15.00			-
Francis Zakowski	Robinson	Crawford	200	6558	\$12.00		6229	\$15.0
The Anderson	Champaign	Champaign					6560	\$15.0
Custom Wireline Service Co.	Olney	Richland	20		\$15.00		6562	\$15.0
laxy Fireworks Mfg., Co., Inc.	Amboy	Lee	10,000		\$12.00	10,000	6564	\$15.0
Gemini Fireworks & Explosives Corp.	Amboy	Lee	18,000	6565	\$15.00			
Surgener Services, Inc.	Olney	Richland	200	6568	\$15.00			
Burgener Services, Inc.	Olney	Richland	20	6269	\$15.00			
Burgener Services, Inc.	Olney	Hichland	300	0769	00.01			
Glerwood Gun & Tackle Shop, Inc.	Glenwood	Cook	28	6571	315.00			
Sutton Guns & Marine Sales	Paris	Edgar	200		0000		6577	#15 D
Orton Quarry, Inc.	Freezent	Greene	20,000	6575	415	2,000	3	2.0
Jennings (am Snop	Pinepor L	T co	86		200		6577	215
Dixon-Marquette Cement Co., Inc.	Dixon	Tree white	40,000		\$1.6 00.00	10,000	6570	918
White County Coal Corp.	Carmin	white	2,200		2000		6581	918
Econex, Incorporated	Dixon	Loe	100,000	0000	00.00	230,000	TOOO	9
Sportsman's Headquarters	Dixon	ree	2 2	222	2100			
Raymond's Guns and Armo	Mottoon	Coloc	3 2	6584	21.2	2000	6585	\$15.0
Wooddell Logging , Inc.	Watseka	Trogge	3	2000	3	2002	6586	\$15.0
Precisions Well Perforating Corp.	Mt. Carmel	Wabash	300	6587	\$15.00			
Tecrorous user some diorectors	0.1.00	ToPortrace	000		\$15 m	002	0000	218

	CERTIFICATE OF COMPLIANCE EXPLOSIVES	OF COMPLIAN	ICEEXPLOS	IVES		PAGE NO.15	0,15	
	LOCATION OF MAGAZINES POST OFFICE   COUNTY	ES	POUNDS OF EXPLOSIVES	CERTIF- ICATE NUMBER	FEE	NUMBER OF BLASTING CAPS	CERTIF- ICATE NUMBER	FEE
United Wireline Services, Inc.	Fairfield Batchtown	Wayne Hardin	10,000	6590 6592	\$15.00	1,000	1	\$15.0
	Ramsey Golden Gate	Fayette	2 2	6595	\$15.00			
W H Callender Construction Co.	Perry	Pike	4,000	6596	\$15.00	1,000	6597	\$15.0
Strombeck Ouston Fireams	Moline	Rock Island	20	0099	\$15.00			
	Lyons	Cook	4,000	6601	\$15.00	25,000	6602	\$15.0
	McCook	Cook	2,000	6603	\$15.00	25,000	6604	\$15.0
	McCook	Cook	2,000	6605	\$15.00			
	McCook	Sook Cook	000'5	9000	00.014		0000	4
	Thormdon	Sook Cook	7,000	2009	415.05 SO CE	000,62	8099	\$15.0
	Lincoln	Toran	20,000	6610	\$15.00		6611	\$15.0
	Athens	Menard	25,000	6612	\$40.00	15,000	6613	\$15.0
	Nokomis	Montgomery	20,000	6614	\$15.00		6615	\$15.0
	Dupo	St. Clair	30,000	8199	\$40.00	10,000	6199	\$15.0
	Fairmount	Vermilion V	10,000	0299	\$15.00	15,000	6621	\$15.0
	Fairmount	Vermilion	10,000	6622	\$15.00			
	Lockport	Will	20,000	9299	\$40.00			
	Windsor	Shelby	25	6627	\$12.00			
*	Sullivan	Moultrie	S S	6628	\$15.00			
	St. *Elmo	Fayette .	20,000	6299	\$15.00	10,000	9630	\$15.0
Amax Coal Co Leahy Mine	Williaville	Perry	50,000	6631	\$15.00	30,000	6632	\$15.0
Amax Coal Co Delta Mine	Harco	Saline	32,000	6633	00.00	160,000	6634	\$12.0
Amax Coal Co Delta Mine	Carb Orchard		18,000	6635	\$15.00			
	Chicago Heights		200	6637	\$15.00		0000	
	Mt. Carmel	Wabash	1	0000		000,0	9038	\$15.0
Cleary Oil Well Perforating, Inc.	Olney	Richland	2	6639	\$15,00	200	6640	\$15.0
	Wayne City	Wayne	20	6641	\$12.00	200	6642	\$12.0
	Ava	Jackson	200	6643	\$15.00	ณ์	6644	\$12.0
Oil Field Electric Co., Inc.	West Frankfort	Franklin	22	6645	\$15.00		9646	\$15.0
	Fairfield	Wayne	is:	6647	\$15.00	250	6648	\$12.0
	Fairfield	Wayne	200	6649	\$15.00			
B & B Tank Truck & Const.	Carmi	White	1,000	6650	\$15.00	200	6651	\$15.0
James McHugh Const., Co.	Joliet	Will	000	6652	\$15.00	2,000	6653	\$15.0
Crossroads Sporting Goods	New Burmside	Johnson	1,500	6654	%15.00 11.00	200	0100	0
	Manteno	Kankakee	000,07	6667	\$15.00 615.00	200,62	0000	910.0
	Little York	Henderson	7, WU	1000	ho.cz	loon't	onno	D'CTA

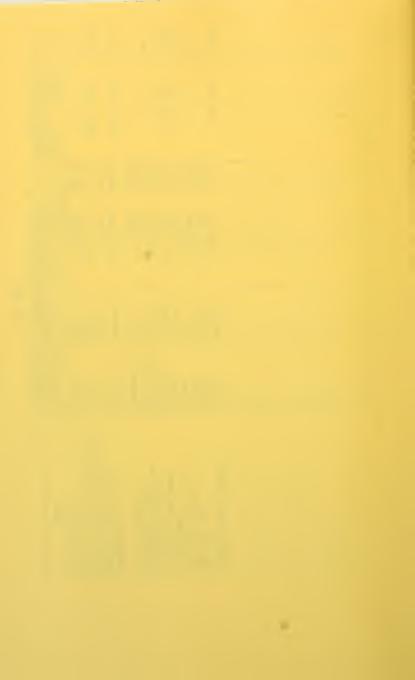
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NAME	LOCATION OF MAGAZINES POST OFFICE COUNTY	COUNTY	POUNDS OF EXPLOSIVES	CERTIF- ICATE NUMBER	FEE	NUMBER OF BLASTING CAPS	CERTIF- ICATE NUMBER	FEE
S & V Stone Quarry	Stewardson	Shelby	20,000	6659 6661	\$15.00	10,000	0999	\$15.0
Salked & Sons Inc.	Kankakee	Kankakee	25	6662	\$15.00			
CBC. Inc.	Savanna	Carroll	8,000	6663	\$15.00	2,000	6664	\$15.0
Schrank's Smoke 'N Gan, Inc.	Waukegan	Lake	28	6665	\$15.00			
Winn Star. Inc.	Marion	Williamson	009	9999	\$15.00			
Winn Star, Inc.	Marion	Williamson	20,000	2999	\$15.00			
Anlean Materials Co. Midwest Div.	Momence	Kankakee	1,000	8999	\$15.00			
A & G Coal Company	Harrisburg	Saline	400	6999	\$15.00	1,000	0299	\$15.0
Birds N Brooks	Springfield	Sangamon	20	1299	\$15.00			
The Plainesman Gun Shop	Barrington	Lake	20	6672	\$15.00			
Starved Rock Clay Products	Utica	LaSalle	4,000	6673	\$15.00	2,000	6674	\$15.C
Bell Petroleum Surveys	Carmi	White	25	6675	\$15.00	-		
3ell Petroleum Surveys	Carmi	White	100	9299	\$15.00	200	11.99	.515.C
Sam's Tackle Box	Hillery	Vermilion	8	8299	\$15.00	•		
for Verhoeven	Hillery	Vermilion	200	6299	\$15.00			1
Robert P. Jones	Geff	Wayne	1,000	0899	\$15.00	1,000	6681	\$15.0
	Belleville	St. Clair	20	6682	\$15.00			
on Co., Inc.	Old Ripley	Bond	200	6683	\$15.00		6684	\$15.0
	Dundas	Richland	20	6685	\$15.00		9899	\$15.0
filler's Blasting Service, Inc.	McCook	Cook	20,000	6687	\$15.00	2,000	9899	\$15.0
John L. Elkins	Stoy	Crawford	800	6899	\$15.00	1,000	0699	\$15.0
Commonwealth Edison Company	Waukegan	Lake	300	6691	\$15.00	300	6692	\$15.0
	Woodhull	Henry	200	6693	\$15.00	1,050	6694	\$15.C
ition, Inc.	Chicago	Cook	009	6695	\$15.0	1,000	9696	a D.
Redmond & Company	Bishop Hill	Henry	2,000	6697	\$15.00			
Mid-States Logging & Perforating Co.	Fairfield	wayne	200	9000	30.01	000	0020	0.45
Wedron Silica Company		LaSalle	200,000	6699	50.0	10,000	90,00	ar.
Certificates Numbered 6701 to 6710 were deleted by	deleted by pri	iter.				000		0.15
ElDorado Chemical Company	Marion	Williamson	1			100,000	6711	410.C
Ace Diggin, Inc.	Carterville	Williamson	20,000	6712	\$40.00	3,000	6/13	410.C
Econex, Incorporated	Pittsfield	Pike			-	10,000	6/14	212.0
North Side Mine	Marion	Williamson	200	6715	\$15.00		91/9	910.0
E. I. Du Pont de Nemours & Co.	Seneca	Grundy	160,000	6717	20.00			
E. I. Du Pont de Nemours & Co.	Seneca	Grundy	160,000	6718	850.00	000	6720	415
Rockford Blacktop Construction Co.	Freeport	Stephenson	8,000	6/19	3.6		0140	3.0
Fur, Fin & Feather Sport Shop	Washington	Tazewell	8	17/0	3	25	66733	\$15.0
Gerson Electric Construction Co.	Chicago	ž	_	-	-	loct .	3	

	CERTIFICATE OF COMPLIANCE EXPLOSIVES	OF COMPLIA	ICEEXPLOS	IVES		PAGE NO 17	17	
NAME	LOCATION OF MAGAZINES POST OFFICE COUNTY	COUNTY	POUNDS OF EXPLOSIVES	CERTIF- ICATE NUMBER	FEE	NUMBER OF BLASTING CAPS	CERTIF- ICATE NUMBER	FEE
Northwestern University Accumold	Evanston Litchfield	Cook Montgomery	250	6726	\$15.00	1,000	6723	\$15.0
Tormy's Wrecking	Utica	Marion	20,20	6730	\$15.00	3	67/0	0.61\$
Gearhart Industries, Inc.	Keensburg	Wabash	250	6731	\$15.00			
F. M. Porter & Sons	Rockton	Winnebago	200	6732	\$15.00			
Central Illinois Stone Co., Inc.	Nokomis	Montgomery	100,000	6733	240.00	4,000	6734	\$15.0
Amax Coal Co., Delta Mine	Harco	Saline	170,000	6736	300			
Amax Coal Co., Delta Mine	nar co	Richland	20.	6737	\$15.00	1.000	6738	\$15.0
Dresser Atlas	Olney	Richland	1,000	6739	\$15.00			
Blevins Wireline Supply, Inc.	Mt. Carmel	Wabash	1,000	6740	\$15.00	2,000	6741	\$15.0
Bon's Auto & Sports Supply	Crossville	White	20	6742	\$15.00			
Ron's Auto & Sports Supply	Crossville	White	250	6743	\$15.00			
Hanley Industries	Alton	Madison	200	6744	\$15.00	,		
University of Illinois Police Dept.	Champaign	Champaign	200	6745	\$15.00			
Brewster Well Perforating Corp.	Mt. Carmel	Wabash Pools Tolond	75,000	6747	415.00	95 000	6748	415.0
Midway Stone, Inc.	rast wolline	NOCK ISLAM	200	6740	918		0750	9 4 5
Kenny Construction Co.	McCook	ToDemitons	98,5	6751	15.0		6759	\$15.0
Dairyland Power Coop.	Calena	JODAVIESS	200	6753	440.00		300	0.010
Econex, Incorporated	DIXON	Daceim	3,00	6754	415.00	100	6755	150
Dawn Well Surveys, Inc.	Wortfield	Di Owii	200	6756	\$15.00	05	6757	\$15.0
Clarence Kandall Coble	Fairfield	Wayne	20	6758	\$15.00	2005	6729	\$15.0
Rogers Group Inc.	Camden	Schuyler	3,000	0929	\$15.00	3,500	1929	\$15.0
Rogers Group Inc.	Camden	Schuyler				10,000	6762	\$15.0
E.S. I. Geophysical	Mascoutah	St. Clair	1,200	6763	\$15.00	3,000	6764	\$12.0
Mantz & Oren, Inc.	Effingham	Effingham	20	6765	\$15.00		9929	\$15.0
Buckskin Legacy	Robinson	Crawford	20	2929	\$15.00			
Mobile Pressure Cleaning, Inc.	Granite City	Madison	20	8929	\$15.00	u,	6929	\$15.0
Buffalo Rock Shooting Supply	Ottawa	LaSalle	200	0229	\$15.00		6771	\$15.0
Kerr-McGee Coal Corp.	Galatia	Saline	009	6772	\$15.00	2,000	6773	\$15.0
Miles Brothers Mining Co.	Elizabethtown	Hardin	10,000	6774	\$15.00		6775	\$12.0
Austin Powder Company	Amboy	Isee	30,000	9229	\$40.00	150,000	22.2	\$15.0
Austin Powder Company	Amboy	Ise	80,000	82.29	\$40.00			
Vulcan Materials Company	Fairbury	Livingston	19,995	6229	\$15.00	10,000	6780	\$15.0

1985 - 1986

1	FEE	\$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$25.00
0.18	CERTIF- ICATE NUMBER	6784 6785 6792 6797 6797 6799 6804
PAGE NO. 18	NUMBER OF BLASTING CAPS	24,000 100,000 20,000 2,500,000 1,000
	FEE	\$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$15.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00
VES	CERTIF- ICATE NUMBER	67813 6786 6787 6789 6790 6790 6790 6790 6790 6790 6790 679
ICEEXPLOSI	POUNDS OF EXPLOSIVES	40,000 40,000 20,000 1,0
OF COMPLIAN	MAGAZINES	Macon Cook LaSalle Edgar Badolph Madison Lee Pranklin Jackson Winnebago Williamson Henry Saline Saline Farette Henderson Randolph
CERTIFICATE OF COMPLIANCEEXPLOSIVES	LOCATION OF MAGAZINES   POUNDS OF CERTIF-   POST OFFICE   COUNTY   EXPLOSIVES ICATE   NUMBER	Macon Palatine Outsawa Outsawa Paris Paris Prairis Prairis Prairis Prairis Prairis Carbondale Rockford Marion Colona Colona Colona Ramsey Nedia Percy
	NAME	James P. Parker Gemint Fireworks & Explosives Corp. Herbert Stevenson Explosives, Inc. Herbert Stevenson Explosives, Inc. Herbert Stevenson Explosives, Inc. Herbert Stevenson Explosives, Inc. Herbert Stevenson Explosives, Inc. Kaskaskla Stone Corpany Gun Boom and Pawn Shop Austin Powder Corpany Geo Seisanto Services, Inc. The Shooters Pro Shop Gregory-Anderson Corpany Georlanders Sand Corpany Georlanders Sand Corpany Kerr-McGeo Copal Corp. Fish's Bait Box KEC, Inc. Eldorado Chemical Corpany





### STATE OF ILLINOIS

1985 Annual Oil and Gas Report

### DEPARTMENT OF MINES AND MINERALS

## DIVISION OF OIL AND GAS

William G. Stratton Office Building, Room 704 400 South Spring Street Springfield, Illinois 62706

George R. Lane, Petroleum Engineer

### OIL AND GAS BOARD

U	na	11	C III	a	п	:

Brad Evilsizer, Director of the Department of Mines

and Minerals

Members:

R. L. Van Fossan, Collinsville, Illinois Richard Thomas, Olney, Illinois John Homeier, Springfield, Illinois Edwin C. Prasuhn, Fairfield, Illinois

Petroleum Engineer	
	Springfield, Illinois
Secretary	
	Springfield, Illinois
Administrative Assistant	Dianne Vose, 2036 North 7th St.,
	Springfield, Illinois
Secretary	Judy Schafer, R. R. #1,
	Pleasant Plains, Illinois
Clerk	Gary Gray, 3107 Rita Avenue,
	Springfield, Illinois
Clerk Typist	Teresa Wohler, R. R. #8, East
7.	Lake Drive, Springfield, Illinois
Clerk Stenographer	Serena Ruble, 2044 S. Douglas-#2,
	Springfield, Illinois
Clerk Stenographer	Ronda Charles, R. R. #1, Box 203-A,
•	Pawnee, Illinois

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Effingham County
Fayette County
Franklin County
Gallatin County
Hamilton County
Jackson County
Jasper County
Jefferson County
Lawrence County
Macon County
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Marion County
Monroe County
Morgan County
Perry County
Randolph County
Richland County
St. Clair County
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MINING BOARD ORDERS	

OIL & GAS DIVISION 5-1-85 PETROLEUM ENGINEER GEORGE R. LANE 704 Stratton Bldg. 217-782-7756 Office 400 S. Spring St. Home address - 2012 Jeanette Lane Home phone - 217-546-1100 Springfield, IL 62706 WELL INSPECTORS BRACKETT, Bobby D., Box 226, 618-544-7228 Crawford Robinson 62454 BRADLEY, Edward A., Junction 618-272-7134 (Off.) Gallatin, Hardin, Massac, POpe 62954 618-269-3444 (Res.) (Alexander, Johnson, Pulaski, Saline, Union-Temp.) Christian, DeWitt, Logan, McLean BUZZARD, Gary C., R. R. #1, Box 119, 217-623-4012 Mechanicsburg 62545 Macon, Sangamon CLIFTON, Everett Riley, Box 206, 618-665-3634 Louisville 62858 618-665-3474 (Alt.) GARMAN, Harold A., 205 N. 7th, 618-445-3146 Edwards Albion 62806 Cook, DuPage, Ford, Grundy, HIBNER, Raymond, R. R. #1, Elwood, 815-423-5336 Iroquois, Kankakee, Kendall, 60421 Livingston, Will KIRK, Charles R., 216 Park Lane, White 618-384-5781 Carmi 62821 LEFEW, William R., 502 N. Jefferson, 815-943-4566 Boone, DeKalb, JoDaviess, Kane, Lake, McHenry, Ogle, Stephenson. Winnebago MARTIN, Tom L., 1304 E. St. Louis, Franklin, Jackson, Perry, 618-937-1200 Williamson Box 56, West Frankfort 62896 MICK, Robert, 800 N. 5th St., 618-242-2851 Jefferson, Marion Mt. Vernon 62864 NEWMAN, William T., R. R. #1, Bond, Greene, Jersey, Madison, 217-839-2785 Gillespie 62033 Macoupin, Montgomery Champaign, Clark, Coles, NOBLIT, Herschel, 402 S. Central, 217-932-5414 Casey 62420 Douglas, Edgar, Moultrie, Piatt, Vermilion RICHARDS, Don R., R.R. #5, Box 10, Cumberland, Jasper 618-783-2554 Newton 62448 PALMER, Richard L., R.R. #2, 618-947-2458 Lawrence Sumner 62466 618-395-2930 (Mobile) SNYDER, Donald, 111 South Archer, 217-285-4154 Adams, Brown, Calhoun, Cass, Pittsfield 62363 Fulton, Hancock, McDonough, Mason, Menard, Morgan, Pike, Schuyler, Scott, Tazewell, Woodford SORK, Marshall, R. R. #4, 618-842-2085 Wavne Fairfield 62837 SPOND, Cleo, R. R. #3, 618-262-7694 Wabash Mt. Carmel 62863 SUSSEN, Richard, R. R. #3, 618-594-3795 Clinton, Monroe, Randolph, Carlyle 62231 St. Clair, Washington-Temp. WARREN, Max., R. R. #2, 618-773-4453 Hamilton McLeansboro 62859 WIRTH, Edward L., R. R. #1, 815-699-7012 Bureau, Carroll, Henderson, Henry, Wyanet 61379 454-2338 (Ans.Ser.) Knox, LaSalle, Lee, Marshall, Mercer, Peoria, Putnam, Rock Island, Stark, Warren, Whiteside WISLEY, Harold M., 205 W. Eighth, 618-829-9759 Effingham, Fayette, Shelby St. Elmo 62458 618-349-8339(Alt.) FIELD SUPERVISOR FRITSCHLE, Marion, 320 N. Boone, 618-392-3271 Richland Olney 62450 618-395-2952(Alt.) POLLUTION CONTROL OFFICER STURM, Lenard R., 312 W. Commerce, 618-375-5561

Grayville 62844

#### DIVISION OF OIL AND GAS

The Division of Oil and Gas of the Department of Mines and Minerals is required to enforce the provisions of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources," and the Rules and Regulations formulated pursuant to the provisions of the Act.

It is the duty of the Division to see that oil wells are properly spaced; to control the drilling and plugging of oil wells and wells drilled in connection therewith; to see that necessary precautions are observed to protect the workable coal seams through which wells are drilled and to prevent pollution of land and fresh water supplies resulting from oil field operations.

Permits must be obtained from the Division of Oil and Gas before wells are drilled for oil, gas, water supply, water input, gas input, air input, salt water disposal, tertiary input, coal tests and fresh water wells. In 1985, 10,114 such permits were issued. The law requires that for each well drilled or acquired, the operator must furnish the Division with bond coverage to guarantee the eventual plugging of the well with the satisfactory restoration of the well site. The State oil well inspectors are in attendance to supervise the plugging of all abandoned drill holes, which in 1985 numbered 1,534.

The Division furnishes copies of permits and plugging affidavits to the State Geological Survey, and is charged with the responsibility of seeing that well logs and cuttings are sent to the Survey. The Division also receives and records completion data on wells drilled.

The Rules and Regulations of the Division provide for the calling of public hearings, upon written request of any interested person, for the purpose of taking action with regard to any matter within the jurisdiction of the Department. All such hearings are made of record in the Division and are open to public inspection.

The Oil and Gas Board consists of four members and the Director of the Department, and is subject to call by the Mining Board for advice and consultation on matters pertaining to the oil and gas industry.

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED, OIL WELLS COMPLETED, AND WELLS PLUGGED DURING 1985

	Water Supply			1				:		:	9	:					:	:		:
	Struc- ture Test			3											-	. :				
ssued	Air Gas Input Storage							-				-								
mits Is	1							:				:								
Fee Per	Gas																	-		
Number of Other Fee and No Fee Permits Issued	Obser- vation Well			-1								:						e	2	
Other Fe	Ter- tiary Input															-		495		
umber of	Water Input		-				2	48	:	П	223	2				9		32	2	
Ž	Salt Water Disposal						3	2 %	) <del>-</del>	7	7					4		7	7	
Plugged	Comp'd in 1985	27	13	70	2	4	21	26	20	6	101	7		7	2	7.1	12	18	22	
0il wells	Comp'd in 1984		2				9	12	e e	e e	69					27	_	7	9	
011 wells	Comp'd in 1985	e e	m	m			Ξ	103	80	25	141	2			7	09	2	09	36	
Total 011	Permits issued in 1985	33	23	39		40	79	223	32	62	357	12		7	18	162	==	95	78	า
County		Adams	Bond	Brown	Calhoun Carroll	Cass	Christian	Clark	Clinton	Coles	Crawford	Cumberland	DeWitt	DuPage	Edgar	Edwards	Effingham	FayetteFord	Franklin	

8

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4 6	84 -1
4 00	W
30 30 4 4 4 4 4 6 4 6 4 6	1 4 0 5 0 4 E 0 0 0 V
51 8 01 0	7 4 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
0 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 1 4 1 4	2
108 4 4 82 82 82 113 115	133 14 664 114 8 114 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Gallatin Greene Grundy Hamilton Hamilton Handin Handerson Henry Iroquois Jasper Jasper Jefsy Johnson Kankakee Kandall Knox Lake	Lawrence Lee Livingston Logan McDonough McCon Macon Macoupin Mation Marshall Massac Massac Massac Massac Monroe Monroe Monroe Monrie

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED, OIL WELLS COMPLETED, AND WELLS PLUGGED DURING 1985

County	Total 011	011 wells	011 wells	Plugged	N	umber of	Other Fe	Number of Other Fee and No Fee Permits Issued	Fee Perm	nits Is	sued			11
	fermits framed fn 1985	tn 1985	fn 1084	tn 1985	Salt Water Disposal	Water Input	Ter- tiary Input	Obser- vation Well	Gas Input	Air Gas Input Storage		Struc- ture Test	Water Supply	
Platt	17		.6	31				7						
Pope														
Randolph	92	34		84	2	2								
St. Clair	11 72 22	177	7	4 32 11	1 3									
Schuyler Scott Scott Scott Skelby Skelby Stark Stark	, 25	08 5	2	58 2 11	m	2								٠.
Stephenson Tazewell Union Vermilion Wabash		23	14	1 1 4 6		14		2						
Narren Nashington Nayne Nitte Khiteside	2522	6 78 136	61 41	21 158 116	11 17	23	52					4	· · · · · · · · · · · · · · · · · · ·	
Williamson Wilnebago	4			m .		2								
TOTALS	3404		387	1534	101	00 -1 -1	518	177		C	0	15	11	

# SUNMARY BY COUNTIES OF THE NUMBER OF WATER WELL PERMITS ISSUED DURING 1985

24	Hardin17	Morgan25
7	Henderson12	Moultrie11
30	Henry 27	Ogle53
2	Jackson	Peorta 5
38	Jasper12	Piatt. 18
4	Jefferson18	Pike
25	Jersey5	Pope
6	Jo Daviess 47	Pulaski10
101	•	Putnam5
28	Kane341	Randolph31
24	Kankakee62	Richland 35
22	Kendall	
63	:	St. Clair
14	Lake740	Saline3
401	:	Sangamon116
38	Lawrence32	Schuyler6
11	Lee 36	:
33	Livingston32	Shelby40
13	Logan 23	Stark 6
16		Stephenson45
298	McHenry534	Tazewell37
19	McLean	Union 21
	Macon	Vermilion 43
24	Macoupin29	Wabash26
40	Madison79	Warren28
31	Marion	Washington
10	Marshall12	Wayne41
16	Mason,38	White 29
. 2	Massac15	
6	Menard29	Will399
33	Mercer 21	Williamson3
7;	Monroe,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Winnebago275
14	Montgomery	Woodford
		топат.
		> / > / > · · · · · · · · · · · · · · ·

### SALT WATER DISPOSAL PERMITS ISSUED IN 1985

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
BROWN COUNTY				
Buckhorn Oil Co.	*Oberlander #2	330'N 330'W SEc NW Sec, 3 28 4W	Silurian 656'-684'	G.L. 701'
CHRISTIAN COUNTY				
Pawnee Oil Corp.	*Kuhle #7	330 1S 330 W NEC NW SW	Benoist 1226'-1230'	6.L. 622'
Homco, Ltd.	*Krueger #3	330'N 330'E SWC SW NW SE	Silurian 1800'-1814'	6.1. 586'
John Carey Oil Co., Inc.	*Vroom SMB #15	3ec. 34 13N 3N 9901S 9901W NEc Sec. 34 15N 3W	Keokuk-Burlington 1350'-1500'	G.L. 586'
CLARK COUNTY				2
James 1. Goble	Morgan #1	470'N 550'W SEC	St. Louis 680'-700'	6.1. 571'
John H. Ryan	6. Stratton #A-I	320'N 45'E SWC NW NW SW Sec. 36 ION 14W	Penn. 430'-460'	G.L. 592'
CLAY COUNTY				·
Monrae Oll & Gas Corp.	*James Buffington #1	430*N 365*W SEC	Cypress 2630'-2700'	G.L. 441'
Gator Oil Co.	Haynes #1	100'N 75'W SEC NE SE	Penn. 1460'-1760'	G.L. 517'
Gator Oil Co.	*Colclasure #5	330'N 660'E SWC SW SW	Penn, 1658'-2000'	G.L. 437'
Gator Oil Co.	*Neff #3	330'N 330'W SEC NW SE	Cypress 2664'-2732'	G.L. 447'
Shelby A. & Sylvia Britton	*Cunningham #3	Sec. 16 3N /E 660'S 330'E NWC SE SE	Penn. 650'-1800'	G.L. 454'
Gator Oil Co.	*Thompson #3	350'S 330'W NEC SE NW Sec. 21 3N 7E	Penn. 1660'-1900'	G.L. 456'

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
CLAY COUNTY(contd.)				
R. J. Granam Oil Co.	*Staser #I	330'N330'E SWC SE SE	McClosky 3086'-3102'	G.L. 498¹
Shelby A. 3 Sylvia Britton	*Franklin #1	Sec. 20 5N 8E 330'N 330'E SWc SE SE Sec. 35 4N 7E	Penn. 1600'-1800'	G.L. 429'
CLINTON COUNTY				
Farmers Crude Production Co.	*Brinkman #3	330'N 330'W SEc Sec. 9 IN 2W	Cypress 1162'-1168'	G.L. 423'
COLES COLUTY				
Carl Whit⊜	*Brining #6	660'N 330'W SEC NE SW	Aux Vases 1938'-1950'	G.L. 742°
Dell Carroll Oll Properties	*C. G. Carlyle #3-A	330'N 330'W SWC NW	Rosiciare 1994 - 1998   Rosiciare 1976 - 1984	G.L. 713'
Glennaden⊜ Armantrout	*N. D. Rick #2	165'N 330'E SWC NW NW	Osage 24301-24381	G.L. 725'
Carl Whi+e	*Tivnen #1	Sec. 11 11N /e 660'N 330'E SWc W* SW NE Sec. 35 12N 7E	Cypress 1806'-1818'	G.L. 756'
CRAWFORD SOUNTY				
Energy Resources of Indiana, Inc. *R. Hoke #1	*R, Hoke #I	660'S 30'E NWc NW SW	Robinson 1020'-1026'	G.L. 513'
Fair-Rite Products Corp.	*Mikeworth #4	350'S 350'W NEC SW SE	Penn, 956'-962'	G.L. 497'
Energy Resources of Indiana, Inc.	*Richard Heirs #1	330'S 330'W NEc SE	Robinson 856'-890'	G.L. 439'
E. L. Wnitmer, Inc.	Ames #1	345'S 515'E DWC SW SE	Penn. 1020'-1160'	G.L. 4811
R. Mark Vichael	*J. H. Taylor #13	115'S 720'E NWC SW SW	Robinson 892'-950'	G.L. 488'
Marathor 311 Co.	*S. Shipman #I	Sec. 14 on 15W 660'S 660'W NEC SW Sec. 26 6N 13W	Fort Payne 2132'-2254'	G.L. 501'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(con+d.)				
E. S. Investments, Inc.	*Blair #2	330 'N330'E SWC NE SW	Robinson 1080'-1098'	G.L. 592'
EDWARDS COUNTY		000: 4 /N 12W		
Van Fossan Oil Associates	*John Luther #2	330'S 630'E NWC	Cypress 2839'-2861'	G.L. 493'
Sackett Enterprises, Inc.	*Harold E. Perkins #1	330'N 415'E SWC	Benoist 3080'-3130'	G.L. 414'
Paramount Oil & Gas Corp.	*J. Hering #6	330'N 990'W SEC NE	Benoist 2900'-2912'	G.L. 405'
French Creek Co.	*Fieber A <sub>o</sub> V <sub>o</sub> A <sub>o</sub> #1-A	Sec. 7 2S 14W 405'S 330'E NWC SW NE Sec. 12 3S 10F	Renault 2954'-2962' Biehl 2246'-2290' Tar Springs 2520'-2606' Bandist 2064'-	G.L. 469'
			3076' Aux Vases 3174'-3186'	
FAYETTE COUNTY				
Accidental Oil Production, Inc.	*Marshall-Guy Comm. #2	280'N 196.6'W SEC SW SW	Benoist 2348'-2400'	6.1. 567'
Ogoco, Inc.	*Schaub #1	NW Sec. 13 5N 4E 330'N 330'E SWC NE NE	Cypress 1587'-1606'	G.L. 600'
Exxon Corp.	George Durbin #6	375'N 150'W SEC SW SW	Tar Springs 1100'-1300'	6.1. 535'
Exxon Corp.	Katie Owens #7	Sec. 22 8N SE 200'N 610'W SEC NE SW Sec. 29 8N 3E	Tar Springs 1100'-1300'	6.1. 523'
FRANKLIN COUNTY				
Greater Midwest Oil Co., Inc.	Whittington #1	647.7'N 330'W SEC NE	Cypress 2580'-2655'	G.L. 419*
Benz OII Co.	*Webb Etal #2	330'N 330'E SWC	Aux Vases 2610'-2645'	G.L. 462°
Interstate Exploration Fund, inc.   *Orient D-#	*Orient D-#1	Sec.   65   E 330'S 50'W NEC NW SW Sec.   2 7S 2E	Aux Vases 2686'-2714'	G.L. 374'

#### PERMITS ISSUED IN 1985 SALT WATER DISPOSAL

		000 11 00000 00000		
OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
V FT - //Abanco in parent				
FRANKLIN COUNTICONTO.)				
Triple "B" Oil Producers, Inc.	*Eaton Etal #5	330'N 330'W SEC SW SW Sec. 13 7S 4E	Cypress 2906'-3002'	G.L. 462'
HAMILTON COUNTY				
J. D. Turner	*Miller Etal #1	330 N 330 W SEC SW NW	Aux Vases 3334'-3358'	G.L. 435'
Joe A. Dull	*Rohrer Disposal #1	660'S 330'W NEC SE	Cypress 3004'-3125'	G.L. 408'
Joe A. Dull	*Ralph Upton #1	330'N 330'W SEC NE NE	Aux Vases 5282'-5298' Aux Vases 3212'-3230'	G.L. 429'
C. E. Brehm Drig. & Producing	*Pritchet+ #1	350'S 330'E NWC SW SE Sec. 19 6S 5E	Cypress 2914'-3032'	6.1. 516'
JASPER COUNTY				
Robert L. Runyon	*H. Romack #I	3301S 3301W NEC NW SE	McClosky 2790'-2810'	G.L. 558'
Griffith & Spraggins Oil Prod. & Hiland Oil Prod. Inc.	*Jack J. & Mary Ann Houser #1	Sec. 12 /N 96 330'N 330'W SEC NE NE Sec. 5 7N 106	McClosky 2702'-2708'	G.L. 544'
JEFFERSON COUNTY				
Burrelf G. Minor	*Vasco Tate Etal #1	330'S 990'W NEC SE NE	Salem 3200'-3250'	G.L. 584'
Dwight Brehm Resources	*Kiefer #2	Sec. 20 15 55 330'N 330'E SWC NE Sec. 28 35 4E	Cypress 2768'-2816'	G.L. 465'
LAWRENCE COUNTY				
Marathon Oil Co.	*R. Gould DW-#1	990'N 1004'E SWc SE	Buchanan 1290'-1360'	G.L. 443'
Three Star Drig. & Prod. Corp.	*Gutteridge #I	Sec. 29 3N 12W Sec. 29 3N 12W	Paint Creek 1919'-1937'	G.L. 393'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
LAWRENCE COUNTY (contd.)				
W. H. Lynch Oil Production, Inc.	*Wheeler #4-A	990'S 1650'W NEC	Paint Creek 2070'-2081'	G.L. 553'
J.R.G. 011 Co., Inc.	*Shick #3	3301S 5301E NWC SE SW	Tar Springs 2000'-2100'	6.1. 506'
Marathon Oil Co.	*L. D. Sutton #25	Sec. 16 3N 15W 605'N 713'W SEC Sec. 30 4N 12W	Ft. Payne 26801-27601	6.L. 509'
MCDONOUGH COUNTY				
Homco, Ltd.	Colmar-McFadden Unl+ #1	643'N 316'W SEC SW NE Sec. 15 4N 4W	St. Peter 950'-1150'	6.L. 575'
MACOUP IN COUNTY				5
BC Energy Exploration	*Jacob Bros. #1	330'S 330'E NWC SE Sec. 14 8N 6W	Penn. 630'-653'	6.1. 667'
MADISON COUNTY				
W. L. Belden Trust	Wilke #I	100'N 230'E SWc SE SE Sec. 34 5N 5W	Penn. 600'-700'	6.1. 577'
MARION COUNTY				
Graham Oil Co.	*Crowley #I	3301S 3301E NWC NE NW	Rosiciare 2076'-2084'	6.L. 535'
Louis Kapp	*Molenhour #1	330'N 380'E SWC NW SW	Salem 2998'-3003'	G.L. 527'
Edward C. Koch	Russell Rose #1	120'S 408'W NEC SE NW	Penn. 1620'-1655'	6.1. 507'
Gentry & Charlton	*Urbina #1	3451S 3151W NEC SW	Benoist 2050'-2060'	6.1. 567'
New Spirit, Inc.	*Robert Geller #1	350'N 350'E SWC NE NW Sec. 19 4N 3E	Carper 3380'-3396'	G.L. 581

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OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
ATTITUDE TO THE				
MONROE COUNTY				
Genle Energy	Rolder #1	0'N 0'W SEC NW NE SW Sec. 2 2S 10W	Trenton 446'-535'	6.L. 669'
MOULTRIE COUNTY				
"K" 011, Inc.	*Garrett #1	330'S 660'W NEC SE Sec. 21 12N 6E	Salem 2290'-2395'	G.L. 706'
PERRY COUNTY				
Interstate Exploration Fund, Inc.	*Bronke #1-A	330'N 380'W SEc Sec. 3 4S 2W	Benoist 1291'-1350'	6.L. 487°
RICHLAND COUNTY				
Fryburger Production Co., Inc.	*Brown #1	1678'S 660'W NEC	Penn, 1580'-1640'	G.L. 494'
Steven A. Zanetis	*Kermicle #I	330'N 330'W SEC NE SE Sec. 31 5N 10E	Cypress 2530'-2670'	G.L. 479'
SAL INE COUNTY				
Graham Oil Co.	*South Raleigh Unit #7	330'N 330'E SWC NE SW	Aux Vases 2850'-2856'	G.L. 395¹
Richard W. Beeson	@H. E. Whitlock #1	330'S 330'E NWC SE NE	Aux Vases 2894'-2904'	G.L. 396'
C. E. Brehm Drig. & Producing	*Riegel #1	100'N 800'W SEC Sec. 3 9S 5E	Cypress 2351'-2389'	G.L. 391'
SANGAMON COUNTY				
Richard D. Hale	*PICKet+ #1	330'N 330'E SWC NW SE Sec. 29 15N 3W	Silurian 1722'-1737'	G.L. 589'

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
SHELBY COUNTY				
Eagle Energy, Inc.	*Compton #1-W	330*N 330*W SEC	Tar Springs 1260'-1300'	G.L. 579'
Louis H. Kapp	*Reid #5-A	350'N 430'W SEC SW NW	Salem 2128'-2135'	G.L. 544'
Becker 011 Co.	Westervelt-Fox #3	Sec. / ION 4E 330'S 330'E NWC SE NE Sec. 7 ION 4E	Aux Vases 1755'-1780'	G.L. 576'
WASHINGTON COUNTY				
A & B, Inc.	Schneider Commo. #1	355'S 70'E NWC SW NE	Penn. 1000'-1070'	6.1. 561,
Elmer Oelze Jr.	*Bernreuter-Morrison Comm. #2	330'S 330'W NEC SW NE	Silurian 2639'-2680'	6.1. 521'
Elmer Oelze Jr.	*Pieszchalski #3	350'N 330'E SWC NW	Cypress 1220'-1225'	G.L. 520'
Wood Energy, Inc.	*John Lamczyk #1	Sec. 28 55 IW 330'S 330'E NWC SE SE Sec. 13 3S 2W	Cypress 1156'-1179'	G.L. 482'
WAYNE COUNTY				
Western Energy Development Co.	*Shan #27-1	330'S 990'E NWC SW SW	Cypress 2824'-2854'	G.L. 457'
Union Oil Co. of California	*Carl Hosselton #A-3	Sec. 1 IN 8E 660'S 330'E NWC SE	Cypress 2631'-2725'	D.F. 461'
Mid-America Petroleum Corp.	*Reed #2	350'N 350'E SWC SE SW	Cypress 2895'-2920'	G.L. 453'
Steven A. Zanetis	*S+ine #W-!	350'S 330'E NWC SW	Water Sand 730'-750'	G.L. 466'
Van Dyke Oil, Inc.	*Sons Etal Unit #1	350'S 350'E NWC NE SE	Penn. 1960'-2100'	G.L. 495'
S & B Exploration, Inc.	Boze #1	75'S 75'E NWC SE NW	Penn. 1710'-1835'	6.L. 480°
S & B Exploration, Inc.	*Boze Heirs "A" Lse. #1	Sec. 29 25 8E 330'N 330'E SWC NE NW Sec. 29 25 8E	Cypress 3060'-3110'	G.L. 474'

Brown Enterprises

A. L. Koker

/iking Oil Co.

Ram Oil Co.

Bar-Lu Corp.

Humbolt Oil, Inc.

Homco, Ltd.

WHITE COUNTY

Jerry E. Frlend

		20	-	
ELEVATION	6.L. 405' 6.L. 384' 6.L. 349'	G.L. 423'		
FORMATION	Penn. 1470'-1660' Tar Springs 2250'-2355' Cypress 2242'-2316' Penn. 1520'-1565'	Degonia 1624'-1640' Aux Vases 25491-2555'		
LOCATION	330'N 710'E SWC SW SE 59c, 14 7'S BE 59c, 17 7'S 10'E 550'S 330'W NC SW SW 56c, 19 7'S 10'E	330'N 450'E SWC SE NW Sec. 12 8S 2E		
WELL NAME (@=Amended)	Damn #1 *Baumgar† #1 *Boe††Icher #3	*NcDonald #1~B		
OPERATOR	WHITE COUNTY(contd.) Woodlands Petroleum Corp. Dwight Brehm Resources C. E. Brehm Drig. & Producing	WILLIAMSON COUNTY C. E. Brehm Drig. & Producing		

OPERATOR	WELL NAME (**Converted)	LOCATION	FORMATION	ELEVATION
BROWN COUNTY				
Two Rivers Petroleum Co.	Frank #1-WS	330'N 230'E SWc Sec. 36 1S 4W	Burlington 450'	G.L. 700'
CRAWFORD COUNTY				
Fair-Rite Products Corp.	Fair-Rite D #S-1	710'S 660'E NWC SE NW	2501	1007
Christa Oil Co.	Becktell #WSW-1	282'N 60'E SWC SE NW	מכני לשפה	6.1. 493
Christa Oil Co.	Athey WSW #1	270'S 180'W NEC NW NW	Kobinson	6.1. 302
Christa Oil Co.	Ward Boyd WSW #1	Sec. 6 /N 12W 125'S 150'E NWc SE SW	Basal Penn.	G.L. 542'
Larry C. Neely	George Athey WS #1	Sec. 24 7N 13W 230'S 330'W NEC SW SW	Basil Penn.	G.L. 533'
Took O water	George Athen WS #2	Sec. 31 8N 12W	Penn.	G.L. 548'
carry or merry		Sec. 31 8N 12W	Penn.	G.L. 548'
LAWRENCE COUNTY				
Marathon Oil Co.	Ella Baltzell #6-A	474'N 790'E SWc NW Sec. 8 4N 12W	Fresh Water Sand	G.L. 426'
MACOUPIN COUNTY				
I. R. Bennett	Schreier #1-B	300'S 5'E NWC NE 8W NE Sec. 16 7N 7W	Aux Vases	G.L. 630'
SHELBY COUNTY				
Universal Resources Corp.	*Pollock #1	330'S 330'W NEC SE NW Sec. 32 12N 2E	Aux Vases 1600'	G.L. 660'
WABASH COUNTY				
Small & Higgins, Inc.	*Guards Point Unit #1-W	330'N 990'W SEC NW Sec. 25 IN 14W	Tar Springs	G.L. 425'

#### WATER SUPPLY PERMITS ISSUED IN 1985

WELL NAME	SE NE Penn. 2022'-2027' SW NW Penn. 2214'-2220' SW SE Tar Springs 2696'-2706' Tar Springs 2718'-2728' G.L. 398' C.L. 410'
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OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
EDWARDS COUNTY				
Gerber Energy Corp.	*E. Smith #1	330'S 330'E NWC SW Sec. 19 1S 11E	Aux Vases 3096'-3105'	G.L. 447'
FAYETTE COUNTY				
Moroco, Inc.	*Dorothy Lewis #B-2	330'N 577'E SWC	Carnor 31201_31351	1 5061
Exxon Corp.	@Edith Durbin #1-W	330'N 330'E SWc SE NW	כמולטו רואה ורואה	9:5: 330
Exxon Corp.	@Edith Durbin #5-W	Sec. 4 7N 3E 330'S 305'W NEC SE NW	Chester 1440'-1544'	G.L. 558'
	W_C # ntdring consequence		Chester 1480'-1580'	G.L. 594'
EAXOII COLP.	FILL STATE OF THE	Sec. 4 7N 3E	Chester 1460'-1555'	G.L. 572'
Exxon Corp.	@Florence Durbin #4-W	328'S 330'W NEC	1,001 -10001	1603 1
Exxon Corp.	@Harvey Durbin #9-W	330'S 330'W NEC NW SW	Chester 1302 -1394	6.00 .4.5
•		Sec. 4 7N 3E	Chester 1489'-1578'	G.L. 590'
Exxon Corp.	dHarvey Durbin #19-₩	330'N 330'E SWC NW SW	Chaster 1475'-1603'	1.651.9
Exxon Corp.	@Harvey Durbin #22-W	330'S 430'W NEC SW SW		
	U 3CF - France Common HOC	2201N 2201E CH2	Chester 1502'-1596'	G.L. 596'
Exxon Corp.	enarvey Durbin #23-W	Sec. 4 7N 3E	Chester 1490'-1595'	G.L. 597'
Exxon Corp.	@Marion Finch #5-W	330'N 430'E SWc NE SW		
, i	11 3# young worker	3201c 3201u NE. CH	Chester 1454'-1546'	G.L. 561'
.4100		Sec. 4 7N 3E	Chester 1486'-1578'	G.L. 590'
Exxon Corp.	@Martin McClain #2-W	275'N 330'E SWc NW		,
		Sec. 4 7N 3E	Chester 1421'-1524'	G.L. 551'
Exxon Corp.	@Martin McClain #3-W	1070'S 340'E NWc	12131 10131	1000
		Sec. 4 /N 3E	Chester 14/8 -151/	6.1. 393
Exxon Corp.	@Martin McClain #4-W	331'S 333'W NEC NW Sec. 4 7N 3E	Chester 1503'-1603'	G.L. 600'
Exxon Corp.	@Martin McClain #5-W	331'S 415'W NEc NW NW		
		Sec. 4 7N 3E	Chester 1534'-1567'	G.L. 597

ELEVATION			G.L. 585'	G.L. 598'	G.L. 586'	G.L. 596'	G.L. 596'	G.L. 591'	G.L. 549'	G.L. 536'	G.L. 591°	1275 1 3	0.F. 30/	G.L. 596'	G.L. 597'	G.L. 594'	G.L. 595'	G.L. 595'	G.L. 570'	
FORMATION			onester 14/3'-1565'	Chester 1505'-1574'	Chester 1490'-1608'	Chester 1475'-1603'	Chester 1477'-1605'	Chester 1467'-1565'	Chester 1536'-1562'	Chester 1390'-1530'	Chester 1456'-1572'	Choetor 1/201-15521	Circaler 1420 -1773	Chester 1480'-1583'	Chester 1480'-1572'	Chester 1482'-1594'	Chester 1480'-1600'	Chester 1505'-1599'	Chester 1433'-1570'	
LOCATION		330'S 330'W NEC SW NW	330'N 330'E SWc NE NW	Sec. 4 7N 3E 277'S 383'W NFC SW NW	Sec. 4 7N 3E 330'N 255'E SWC NF NW	Sec. 4 7N 3E 331'S 490'W NEC NW NW	Sec. 4 7N 3E	Sec. 4 7N 3E	Sec. 4 7N 3E	Sec. 5 7N 3E	330'N 330'E SWc NW Sec. 5 7N 3E	362'N 345'E SWc SE	330'N 330'E SWC SE SE	Sec. 5 7N 3E 331'S 328'W NEC SW SE	Sec. 5 7N 3E 330'S 330'W NEC SE SE	Sec. 5 7N 3E 383'N 277'E SWc SE SE	Sec. 5 7N 3E	Sec. 5 7N 3E	Sec. 5 7N 3E	
WELL NAME (**Converted)		@Martin McClain #8-W	@Martin McClain #10-W	@Martin McClain #13-W	@Martin McClain #14-W	@Martin McClain #15-W	@Martin McClain #16-W	(Martin McClain #17-W		CLOW STANFORM	GCIOW C-63 #4-W	@Harvey Durbin #8-W	@Harvey Durbin #11-W	@Harvey Durbin #15-W	@Harvey Durbin #17-W	@Harvey Durbin #29-W	@Harvev Durbin #30-W	on or the state of	enarvey Durbin #31-W	
OPERATOR	FAYETTE COUNTY (contd.)	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corn	- A	EXXON COLP.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corn	100 1000	

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Luella Durbin #1−W	353'S 333'W NEc SE		
	Allo Durbin #3-W	330'N 340'F SWC NF SE	Chester 1460'-1594'	G•L• 586°
Exxon corp.	בורנים ביו ביו ביו ביו ביו ביו ביו ביו ביו ביו	Sec. 5 7N 3E	Chester 1473'-1574'	G.L. 594'
Exxon Corp.	@Luella Durbin #5-W	303'S 383'W NEc SE	16031 16031	1 7821
Evyon Corn.	@Luella Durbin #6-W	255'N 340'E SWc NE SE	Chester 1403 -1333	101 .10
		Sec. 5 7N 3E	Chester 1503'-1606'	G.L. 593'
Exxon Corp.	@Estella Hopper #3-W	330'S 330'W NEC NW SW	1,601 1,607	1,00
200	@Estella Hopper #8-W	321'N 330'E SWc	Cliester 1400 -109/	200.44
		Sec. 5 7N 3E	Chester 1455'-1588'	G.L. 590'
Exxon Corp.	@Albert McClain #2-W	347'N 331'E SWc NE NE		25
4		Sec. 5 7N 3E	Chester 1460'-1552'	G.L. 599'
Exxon Corp.	@Albert McClain #4-W	317'S 330'W NEc	,	
		Sec. 5 7N 3E	Chester 1469'-1572'	G.L. 602'
Exxon Corp.	@Albert McClain #5-W	317'S 405'W NEc		
			Chester 1468'-1604'	. TO9 -T-9
Exxon Corp.	@Albert McClain #6-W	297'N 281'E SWc NE NE	1,651-15061	C 1 5971
1		Sec. 5 /N SE	Chester 1401 -1004	6: 73/
Exxon Corp.	@Oscar McClain #1-w		Chester 1443'-1581'	G.L. 594'
	Manage And Anna Anna Anna Anna Anna Anna Anna	342'N 334'F SWC NW NW		
Exxon Corp.	COSCAL MOCTALITY OF	Sec. 5 7N 3E	Chester 1444'-1566'	G.L. 582'
Exxon Corp.	@Ramsey-Hopper #1-W	330'S 327'W NEc SW		
		Sec. 5 7N 3E	Chester 1534'-1545'	G.L. 594'
Exxon Corp.	@Ramsey-Hopper #3-W	332'N 456'E SWc SE SW		
		Sec. 5 7N 3E	Chester 1558'-1586'	G.L. 585'
Exxon Corp.	@Ramsey-Hopper #5-W	330'S 322'W NEC SE SW		4 1
		Sec. 5 7N 3E	Chester 1484'-1604'	G.L. 604'
Exxon Corp.	@Ramsey-Hopper #9-W	280'S 277'W NEC SW		
		Sec. 5 7N 3E	Chester 1474'-1604'	G.L. 592'
Exxon Corp.	@Ramsey-Leavy #2-W	331'S 324'W NEc NW SE		
		Sec. 5 7N 3E	Chester 14/4'-1559'	6.1. 394

TERTIARY INJECTION
PERMITS ISSUED IN 1985

Of Errator	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Ramsey-Leavy #3-W	330'N 303'E SWc NW SE		
		Sec. 5 7N 3E	Chester 1462'-1560'	G.L. 599'
Exxon Corp.	@Ramsey-Leavy #5-W	281'S 274'W NEC NW SE	Charter 1521 -16041	1002 1
Paren Corn	GRamsev-I-vesus	280'N 280'E SWC NW SE	Cliester 1771 -1004	266 .41.0
			Chester 1493'-1609'	G.L. 597
Exxon Corp.	@Belden Unit #3-W	285'S 330'W NEC NW SW		
			Chester 1473'-1525'	G.L. 569'
Exxon Corp.	@Belden Unit #4-W	811'S 464'E NWc SW		
	000-14 11-4 # # 11	195°C 100°U NE CH CH	Chester 1433 -1490	G.L. 324
Exxon corp.	eperaen onto #/-w	Sec. 6 7N 3F	Chester 1409'-1486'	G.L. 525'
Exxon Corp.	@Belden Unit #8-W	260'N 319'E SWc		
		Sec. 6 7N 3E	Chester 1535'-1570'	G.L. 597
Exxon Corp.	@LaVerne Deal #2-W	1514'N 1329'W SEC NW		
		Sec. 6 7N 3E	Chester 1496'-1530'	G.L. 600'
Exxon Corp.	@LaVerne Deal #4-W	316'N 215'E SWc SE NW		
		Sec. 6 7N 3E	Chester 1449'-1520'	G.L. 560'
Exxon Corp.	@LaVerne Deal #6-W	272'S 336'W NEC SE NW	,	
			Chester 1457'-1518'	G.L. 590'
Exxon Corp.	@LaVerne Deal #8-W	334'S 330'W NEc NW		1
		Sec. 6 7N 3E	Chester 1450'-1509'	. C.L. 56/
Exxon Corp.	Girvin Hobbs #2-W	391'N 269'E SWc SE NE		1 5 2 1 1
Exxon Corn.	Glryin Hobbs #3-W	330'N 312'E SEC NE	Chester 139/ -1303	100 .110
			Chester 1405'-1433'	G.L. 528'
Exxon Corp.	@Irvin Hobbs #4-W	327'S 852'E NWC NE		
		Sec. 6 7N 3E	Chester 1452'-1585'	G.L. 598'
Exxon Corp.	@Irvin Hobbs #6-W	330'S 330'W NEC SE NE		
			Chester 1410'-1518'	G.L. 541'
Exxon Corp.	@Irvin Hobbs #10-W	375'S 334'W NEc SW NE		
,		Sec. 6 7N 3E	Chester 1414'-1594'	G.L. 546'
Exxon Corp.	@Irvin Hobbs #12-W	990'S 331'E NWC NE	Charter 1/52"-1583"	G. I., 595*
		Sec. 6 /N 3E	CDCT_ 7CHI IA35	0,0,0,0

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OFERMION	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION	
FAYETTE COUNTY (contd.)					
Exxon Corp.	@Irvin Hobbs #14-W	1037'S 986'W NEc			
	@Irvin Hobbs #17-W	330'S 317'W NEc	Chester 1448'-1569'	G.L. 584'	
rayon corb.		Sec. 6 7N 3E	Chester 1423'-1550'	G.L. 567'	
Exxon Corp.	QN. M. Hopper #2-W	346'N 355'E SWc NE SE			
		Sec. 6 7N 3E	Chester 1445'-1578'	G.L. 588;	
Exxon Corp.	@N. M. Hopper #4-W	342'N 346'E SWC SE SE	Chester 1460'-1519'	6.1. 5261	
Exxon Corp.	@N. M. Hopper #8-W	335'S 328'W NEC SE			
		Sec. 6 7N 3E	Chester 1445'-1565'	G.L. 587'	
Exxon Corp.	@George Paslay #4-W	330'N 330'E SWc SE SW	1000	100	
	11-11 Occ. O June 10	330'c 330'W NEC SW	Chester 141/ -14/2	67C -17-0	2.
Exxon corp.	ertank duade #1-w	Sec. 6 7N 3E	Chester 1485'-1514'	G.L. 584'	/
Exxon Corp.	@Frank Quade #3-W	125'N 200'E SWc NE SW			
	Gome Revenees #2-U	330'N 330'E SW	Chester 1416 -1481	6.4. 32/	
TAXOH COLP.		Sec. 7 7N 3E	Chester 1506'-1544'	G.L. 584'	
Exxon Corp.	@Oma Ferguson #4-W	330'S 340'W NEC SW SW		1111	
,	GO F. Goodson #2-W	330'S 202'W NEC SE NE	Chester 1481 -1340	6.5. 3//	
EAKOH COLP.		Sec. 7 7N 3E	Chester 1493'-1549'	G.L. 551'	
Exxon Corp.	@O. E. Goodson #7-W	325'S 330'W NEC 8W NE	19991 10071 10071	5701	
Revon Corr	an B. Goodson #8-W	375'N 345'E SWC NE	CHESCEI 1430 -1300	9:10	
*4.00		Sec. 7 7N 3E	Chester 1479'-1595'	G.L. 597'	
Exxon Corp.	@O. E. Goodson #9-W	383'N 383'E SWc SE NE	Chester 1568'-1599'	G.L. 597'	
Exxon Corp.	@S. Leona #1-W	330'N 330'E SWc SE SW			
		Sec. 7 7N 3E	Chester 1481'-1607'	G.L. 586'	
Exxon Corp.	@S. Leona #2-W	330'S 330'W NEc SE SW	Chester 1558'-1594'	G.L. 596'	
Revon Corn	01.1114. Mills #1-W	330'S 263'W NEC NW NE	Clearer 1990 -1994		
.4400		Sec. 7 7N 3E	Chester 1496'-1546'	G.L. 527'	

													28	3																					
ELEVATION			G.L. 571'		G.L. 593	G.L. 595'		G.L. 568'		G.L. 592'		G.L. 565'	1002	G.L. 588'	1 5031	G.L. 332	C I 590"		G.L. 566'		G.L. 584'		G.L. 587		G.L. 580'		G.L. 592'		G.L. 586		G.L. 591		G.L: 593		
FORMATION			Chester 1440'-1559'	11/201 10/11	Chester 1465'-15/I'	Chester 1488'-1577'		Chester 1451'-1600'		Chester 1463'-1599'		Chester 1409'-1553'	10011 1001	Chester 14/9'-1590'	1/011-150/1	+6CT_ T0+T T0	Chester 1485'-1577'		Chester 1463'-1562'		Chester 1493'-1544'		Chester 1476'-1575'		Chester 1446'-1563'		Chester 1458'-1561'		Chester 1563'-1584'		Chester 1454'-1583'		Chester 1482'-1580'		
124			Chest	5	Chest	Chest		Chest		Chest	-	Chest	5	Chest	40040	o callo	Chect		Chest		Chest		Chest		Chest		Chest		Chest		Chest		Chest		
LOCATION		330'N 330'E SWC NW NE	5	33/'N 330'E SWC SE NW	333'N 329'E SWC NE NW	Sec. 7 7N 3E	315'S 330'W NEc NW	Sec. 7 7N 3E	330'S 330'W NEc SE NW	Sec. 7 7N 3E	TOD S TAD WEC SE SE	320'v 323'r cuz cr cr	330 N 333 E 3WC 3E 3E	330'S 330'W NE SW SF	200 2 200 W MEL 3W 3E	330'N 330'E SW SE	Sec. 7 7N 3F	170'S 190'W NEC SE SE	Sec. 7 7N 3E	329'N 332'E SWC NW SW	Sec. 7 7N 3E	330'S 394'W NEc NW SW	Sec. 7 7N 3E	330'S 330'W NEc SE	Sec. 7 7N 3E	330'N 330'E SWc NE SE	Sec. 7 7N 3E	280°S 280°W NEc SE	Sec. 7 7N 3E	280'N 280'E SWc NE SE	Sec. 7 7N 3E	330'N 330'E SWc NE SW	Sec. 7 7N 3E	375'S 345'W NEc SW	10
WELL NAME (@=Amended)		@Lillie Mills #3-W	ON	GMarie Inornton #I-W	GMarie Thornton #3-W		@Marie Thornton #4-W		@Marie Thornton #6-W	August and the second second	Gueten werker #1-w	Gholos Mollos #6-11	מוכדכוו אבדעכן אלא	Ghelen Welker #6-W		(dHelen Welker #9-W		@Helen Welker #14-W		@H. S. Williams #2-W		@H. S. Williams #4-W		@John Williams #1-W		@John Williams #4-W		@John Williams #5-W		@John Williams #6-W		@Leona Williams #4-W		@Leona Williams #5-W	
OPERATOR	FAYETTE COUNTY (contd.)	Exxon Corp.		Exxon corp.	Exxon Corp.	•	Exxon Corp.		Exxon Corp.		EAKOH COLP.	Rywon Corn		Exxon Corn.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.	(	Exxon Corp.	

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	∂S. Williams #1-W	330'N 330'E SWc NW SE		
		Sec. 7 7N 3E	Chester 1540'-1576'	G.L. 601'
Exxon Corp.	@S. Williams #2-W	330'S 330'W NEC NW SE		
Exxon Corp.	GS. Williams #5-W	Sec. / /N 3E 330'N 270'E SWc NW SE	Chester 1564'-1594'	G.L. 599'
		Sec. 7 7N 3E	Chester 1587'-1596'	G.L. 600'
Exxon Corp.	@Harley Yolton #3-W	330'N 330'E SWC NE NE		
Exxon Corp.	@Harley Yolton #4-W	331'S 333'W NEC	Chester 1454'-1577'	G.L. 588!
		Sec. 7 7N 3E	Chester 1406'-1518'	G.L. 526'
Exxon Corp.	@Arnold Unit #2-W	335'S 274'W NEc NW NW		
	11 000	Sec. 8 7N 3E	Chester 1487'-1547'	G.L. 554'
Exxon Corp.	GATHOLD UNIE #5-W	362'N 338'E SWC NW NW	Charter 16691-15991	29
Exxon Corp.	@Arnold Unit #14-W	350'N 343'E SWc NW	Ollester 1403 =1332	G.L. 529°
•		Sec. 8 7N 3E	Chester 1464'-1580'	G.L. 576'
Exxon Corp.	@Arnold Unit #18-W	980'N 165'W SEc SW NW		
· ·		Sec. 8 7N 3E	Chester 1398'-1531'	G.L. 527*
exxon corp.	GArnold Unit #28-W	3/L'S 318'W NEC NW SW		
Exxon Corp.	Garnold Unit #34-W	330'N 330'F SWC NW SW	Chester 145/'-1591'	G.L. 588'
		Sec. 8 7N 3E	Chester 1457'-1545'	G.L. 546'
Exxon Corp.	@Arnold Unit #40-W	170'S 250'W NEc SW SW	,	
Exxon Corp.	GArnold Unit #45-W	Sec. 8 7N 3E	Chester 1432'-1562'	G.L. 566'
		Sec. 8 7N 3E	Chester 1415'-1565'	G.L. 570'
Exxon Corp.	@Darrell Durbin #1-W	330'N 330'E SWc NW NE		
T. Constitution of the con	000	Sec. 8 7N 3E	Chester 1435'-1554'	G.L. 564'
TOTAL COLD.	CDALLELL DUIDIN TO-W	290 N 430 E 3WC NW NE		
Exxon Corp.	@Darrell Durbin #6-W	330'S 405'W NEC NW NE	Chester 144/'-1501'	6.1. 5/2
		Sec. 8 7N 3E	Chester 1471'-1566'	G.L. 591'
Exxon Corp.	@Harvey Durbin #5-W	330'N 990'W SEc NE		
		Sec. 8 7N 3E	Chester 1419'-1540'	G.L. 535'
				7

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Harvey Durbin #14-W	330'S 330'W NEC SE NE		
		Sec. 8 7N 3E	Chester 1459'-1543'	G.L. 556'
Exxon Corp.	@Harvey Durbin #23-W	330'N 330'E SWc NE NE		
		Sec. 8 7N 3E	Chester 1484'-1563'	G.L. 581'
Exxon Corp.	@Harvey Durbin #27-W	330'S 330'W NEC		
	ON-1-1 P	sec. 8 7N 3E	Chester 1486'-1584'	G.L. 587'
EAAOH COLP.	enabel Durbin #4-W		16201-1631	1075
Exxon Corp.	@Mabel Durbin #5-W	270'N 380'F SW NE	CHESCEL 1420 -1331	6.1. 049
		Sec. 8 7N 3E	Chester 1410'-1560'	G.L. 540¹
Exxon Corp.	@Pearl Durbin #2-W	367'S 360'W NEC NW		
		Sec. 8 7N 3E	Chester 1465'-1532'	G.L. 568'
Exxon Corp.	@Pearl Durbin #3-W	330'S 420'W NEc NW		
		Sec. 8 7N 3E	Chester 1430'-1578'	G.L. 576'
Exxon Corp.	@L. H. Heckert #1-W	330'S 330'W NEC NW SE		
		Sec. 8 7N 3E	Chester 1432'-1540'	G.L. 542'
Exxon Corp.	@L. H. Heckert #2-W	330'N 330'E SWc NW SE		
		Sec. 8 7N 3E	Chester 1498'-1582'	G.L. 579'
Exxon Corp.	@Mary Hoar #4-W	303'N 330'E SWc NE SE		
		Sec. 8 7N 3E	Chester 1447'-1541'	G.L. 551'
Exxon Corp.	@Mary Hoar #6-W	330'N 330'E SWc SE SE		
		Sec. 8 7N 3E	Chester 1460'-1555'	G.L. 558'
Exxon Corp.	@Mary Hoar #8-W	78'S 188'W NEC SE SE		
		Sec. 8 7N 3E	Chester 1444'-1527'	G.L. 537
Exxon Corp.	@A. Miller #2-W	330'S 330'W NEc SW SE		
		Sec. 8 7N 3E	Chester 1487'-1588'	G.L. 587'
Exxon Corp.	@Elzie Owen "40A" #1-W	333'N 326'E SWc NE SW		
		Sec. 8 7N 3E	Chester 1502'-1585'	G.L. 588'
Exxon Corp.	@Elzie Owen "40A" #5-W	270'S 330'W NEc SW		
		Sec. 8 7N 3E	Chester 1502'-1584'	G.L. 584'
Exxon Corp.	@G. R. Owen #5-W	817'S 330'E NWc SE SW		
		Sec. 8 7N 3E	Chester 1464'-1592'	G.L. 590'
Exxon Corp.	@Mary Welker #1-W	330'N 335'E SWc SE NW		
		Sec. 8 7N 3E	Chester 1407'-1525'	G.L. 536'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION	
FAXETTE COUNTY (contd.)					
Ехжоп Согр.	@Mary Welker #3-W	954'S 264'E NWC NE NW			
	Wars Weller #8-W	Sec. 8 7N 3E 365'S 365'W NEC SE NW	Chester 1421'-1558'	G.L. 555'	
EXXOII COLD.		Sec. 8 7N 3E	Chester 1408'-1529'	G.L. 532'	
Exxon Corp.	@Sanford Unit C-443 #8-W	330'N 330'E SWC NE NW Sec. 9 7N 3E	Chester 1511'-1523'	G.L. 594'	
Exxon Corp.	@Sanford Unit C-443 #11-W	330'S 330'W NEc SW NW	Chester 1495'-1568'	.1 590'	
Exxon Corp.	@E. E. Shelton #1-W	330'S 330'W NEC NW NW	110000000000000000000000000000000000000		
Rykon Corn	GE. E. Shelton #3-W	330'N 330'E SWC NW NW	chester 1494'-15/2'	G.L. 584	
		Sec. 9 7N 3E	Chester 1458'-1561'	G.L. 558'	3:
Exxon Corp.	@Ed Harper #1-W	330'N 330'E SWC NW Sec. 17 7N 3E	Chester 1503'-1592'	G.L. 585'	1
Exxon Corp.	@Ed Harper #4-W	330'S 330'W NEC SW NW			
		Sec. 17 7N 3E	Chester 1462'-1555'	G.L. 565'	
Exxon Corp.	@Ola Harper #6-W	Sec. 17 7N 3E	Chester 1479'-1579'	G.L. 589'	
Exxon Corp.	@Ola Harper #7-W	330'S 330'W NEc SW SW			
	•	Sec. 17 7N 3E	Chester 1482'-1582'	G.L. 595'	
Exxon Corp.	@Ola Harpér #10-W	1043'S 383'E NWC SW	Chester 1482'-1582'	G.L. 593	
Exxon Corp.	@Ola Harper #11-W	383'N 383'E SWc			
			Chester 1490'-1595'	G.L. 591'	
Exxon Corp.	@Wilbur Hawkins #1-W	330'N 330'E SWc SE SW Sec. 17 7N 3E	Chester 1497'-1522'	G.L. 587'	
Exxon Corp.	@Wilbur Hawkins #3-W	330'N 330'E SWC NE SW			
			Chester 1479'-1570'	G.L. 582°	
Exxon Corp.	@Wilbur Hawkins #5-W	Sec. 17 7N 3E	Chester 1503'-1541'	G.L. 590'	
Exxon Corp.	@Wilbur Hawkins #8-W	330'S 330'W NEc SW			
		Sec. 17 7N 3E	Chester 1503'-1572'	G.L. 582'	
Exxon Corp.	@Wilbur Hawkins #9-W	330'N 405'E SWC NE SW Sec. 17 7N 3E	Chester 1506'-1583'	G.L. 585'	

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
FAXETTE COUNTY (contd.)				
Exxon Corp.	@B. Kimbrell 30-A #1-W	330'N 330'E SWC NW NW		
Exxon Corp.	@Mahutska-Griffith #3-W	Sec. 17 7N 3E 330'N 330'E SWC NW SE	Chester 1460'-1578'	G.L. 575'
, i	11 18	Sec. 17 7N 3E	Chester 1513'-1538'	G.L. 590'
Exxon corp.	GCOra Miller #1-W	455'N 350'E SWC SE NW Sec, 17 7N 3E	Chester 1479'-1570'	G.L. 581'
Exxon Corp.	@Cora Miller #3-W	330'S 330'W NEc SE NW		
Exxon Corp.	@Cora Miller #5-W	Sec. 17 7N 3E 455'N 330'E SWc NE	Chester 1474'-1575'	G.L. 588'
Exxon Corn.	OFIcia Owana 464 #2-11	Sec. 17 7N 3E	Chester 1477'-1576'	G.L. 591'
		Sec. 17 7N 3E	Chester 1460'-1600'	G.L. 591'
Exxon Corp.	@Elzie Owens 46A #4-W	250'S 330'W NEC NW NW		32
ç	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sec. 17 7N 3E	Chester 1432'-1582'	G.L. 572°
Exxon Corp.	(dG. R. Owen #7-W	23'S 330'W NEC NW		
Exxon Corp.	@Bennie Shaw #5-W	330'S 330'W NEC NW NE	Chester 1504'-1550'	6.1. 599
		Sec. 17 7N 3E	Chester 1494'-1585'	G.L. 582'
Exxon Corp.	@Bennie Shaw #9-W	330'S 330'W NEC SW NE		
Exxon Corp.	dW. H. Feronson #6-W	Sec. 17 7N 3E 382'S 141'W NEC NW NW	Chester 1502'-1586'	G.L. 594'
	0	Sec. 18 7N 3E	Chester 1488'-1584'	G.L. 582°
Exxon Corp.	@Florence Harding #1-W	328'N 330'E SWc NW NW		
ć		Sec. 18 7N 3E	Chester 1505'-1554'	G.L. 582
exxon corp.	@Florence Harding #5-W	328'S 413'W NEC SW NW		
Exxon Corp.	GFlorence Hardine #8-W	334'N 345'F SWC NW	Chester 1490'-1540'	6.L. 58U
	0	Sec. 18 7N 3E	Chester 1513'-1559'	G.L. 583!
Exxon Corp.	@Florence Harding #10-W	330'S 300'W NEC SE NW		
			Chester 1493'-1578'	G.L. 580'
Exxon Corp.	@Emma McCormick #3-W	990'N 330'W SEC SW SE		
g i		Sec. 18 7N 3E	Chester 1515'-1590'	G.L. 587;
Exxon Corp.	@Emma McCornick #7-W.	330'S 323'W NEC NW NE	Chostor 1665'-1573'	6 1 5861
Exxon Corp.	@Emma McCormick #9-W	330'N 330'E SWC NW NE	מונפסובו דאסט בדסי	
		Sec. 18 7N 3E	Chester 1475'-1579'	G.I. 582*

TERTIARY INJECTION

													33																						
ELEVATION			G.L. 590'		G.L. 587	1,02 1 7	4.F. 704	G.L. 584		G.L. 580'		G.L. 586'		G.L. 589		G.L. 591'		G.L. 593'		G.L. 591'		G.L. 585		G.L. 591'		G.L. 595'		G.L. 593		G.L. 593'		G.L. 597'		G.L. 600	
FORMATION			Chester 1489'-1588'	10000	Chester 1435'-1580'	Chester 1/001-15751	CICT - 7641 Tagesiin	Chester 1461'-1581'		Chester 1563'-1583'		Chester 1494'-1583'		Chester 1466'-1552'		Chester 1494'-1560'		Chester 1500'-1575'		Chester 1500'-1574'		Chester 1457'-1596'		Chester 1580'-1594'		Chester 1510'-1567'		Chester 1499'-1529'		Chester 1487'-1550'		Chester 1498'-1550'		Chester 1503'-1555'	
LOCATION		277'S 330'W NEc SW NE		330'N 330'E SWC NE	Sec. 10 /N 3E	Sec 18 7N 3F	330'S 330'W NEC	Sec. 18 7N 3E	327'N 330'E SWc NE NW	Sec. 18 7N 3E	303'S 305'W NEc NW	Sec. 18 7N 3E	330'S 330'W NEC SE NE	Sec. 19 7N 3E	1320'S 825'W NEc SE NE	SEc. 19 7N 3E	660'S 825'W NEc SE	Sec. 19 7N 3E	1315'S 710'W NEc SE	Sec. 19 7N 3E	328'N 160'E SWc NE NE	Sec. 19 7N 3E	365'S 365'W NEc		330'N 330'E SWc SE SE	Sec. 19 7N 3E	330'S 330'W NEC NW NW	Sec. 20 7N 3E	330'N 330'E SWc NW NW	Sec. 20 7N 3E	323'S 327'W NEC SE SW	Sec. 20 7N 3E	5'N 10'E SWc NW SW SW	Sec. 20 7N 3E	
WELL NAME (@=Amended)		@Emma McCormick #11-W		GERMA MCCOrmick #13-W	Alalan Malker #11_U	MITTE METURE MITTER	@Helen Welker #12-W		@John Welker #3-W		@John Welker #4A-W		@Thomas Mills #5-W		@Thomas Mills #19-40W		@Thomas Mills #19-48W		@Thomas Mills #19-56W		@J. R. Morrison #2-W		@J. R. Morrison #5-W		@Orrin Sidener #5-W		@F. W. Coddington #2-W		@F. W. Coddington #3-W		@R. F. Coddington #3-W		@R. F. Coddington #20-57W		
OPERATOR	FAYETTE COUNTY (contd.)	Exxon Corp.		Exxon corp.	Troop and	EAAOH COLP.	Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		Exxon Corp.		

FORMATION			Chester 1511'-1565' G.L. 597!	Chester 1540'-1580' G.L. 598'		Chester 1506'-1554' G.L. 589'	Chester 1510'-1558' G.L. 598'	Chester 1478'-1584' G.L. 593'		Chester 1505'-1580' G.L. 598'		Chester 1528'-1570' G.L. 593'		Cuester Lold - Log - Color - C	Chester 1514'-1559' G.L. 599'		Chester 1548'-1580' G.L. 597'		Cuester TOTA -TOO/	Chester 1528'-1581' G.L. 603'		Chester 1513'-1572' G.L. 600'		Chester 1511'-1574' G.L. 595'	_	Chester 1528'-1586' G.L. 599'		Chester 1532'-1581' G.L. 599'	Charter 1513'_1572'
LOCATION FO		MS MS	Sec. 20 7N 3E Chester		NW SW	Sec. 20 7N 3E Chester Chester 25'N 35'E SWC NW NE SW			SW		c SE NW	_	NM MS	30'c 70'ti NE CE NU		C SE SE		c NW	309's 330'm NFc SF NW		C SE NW		330'S 330'W NEc SW NW		348'N 334'E SWc NW NE		c NW NE	Sec. 29 7N 3E Chester	
WELL NAME (*=Converted) (@=Amended)		@R. F. Coddington #20-58W 5'S 5'	Monda Darkout #2-W		@Lewis Hackert #20-41W 5'N 5'	@Lewis Hackert #20-43W 25'N 3			@Lewis Hackert #20-51W 5'N 5'		@M. B. Heckert #4-W 330'N		dM. B. Heckert #6-W 330'S	OM B Hockert #0_U		@McKenzie-North #5-W 331'N		GJames Feezel #1-W 330'N	Glames Feezel #2-W 329's		@James Feezel #5-W 330'N		@James Feezel #7-W 330'S		@McKenzie-South #1-W 348'N		@McKenzie-South #3-W 332'S	356c. 2	
OPERATOR (*=Co)	FAYETTE COUNTY (contd.)	Exxon Corp. @R. F	100 E00		Exxon Corp. @Lewi	Exxon Coro.		ravoii corp.	Exxon Corp. @Lewi		Exxon Corp. @M. B		Exxon Corp.	Fyson Corn		Exxon Corp. @McKe		Exxon Corp. @Jame	Exxon Corn.		Exxon Corp. @Jame		Exxon Corp. @Jame		Exxon Corp. @McKe		Exxon Corp.	Second Comment	

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Roy Doty #7-1W	117'N 90'W SEc		
	1171 LD 00120 CT 100	Sec. 1 8N 3E	Chester 1480'-1518'	G.L. 552'
Exact Corp.	GO. D. GILGG SILITAN	Sec. 1 8N 3E	Chester 1509'-1565'	6.1 5961
Exxon Corp.	@W. W. Hogge #1-3W-T	15'S 50'W NEc SW NW		
Exxon Corp.	@w. W. Hogge #1-13W	Sec. 1 8N 3E 40'N 29'E SWc SE NW	Chester 1593'-1643'	G.L. 612'
	}	Sec. 1 8N 3E	Chester 1493'-1626'	G.L. 588'
Exxon Corp.	@Roy Miller #1-7W	50'S 50'W NEC SW SW		1000
Exxon Corp.	@W. B. Miller #1-6W	50'S 50'E NWC NW SE	Chester 1302 -1330	6.1. 000
•		Sec. 1 8N 3E	Chester 1474'-1506'	G.L. 561'
Exxon Corp.	@W. B. Miller #1-8W	40'N 40'W SEc NW SE		
		Sec. 1 8N 3E	Chester 1520'-1548'	C.L. 606'
Exxon Corp.	@W. B. Miller #1-16W	25'E O'N NWC SW SE		
•		Sec. 1 8N 3E	Chester 1467'-1508'	G.L. 550;
Exxon Corp.	W. E. Phillips #1-1W-T	100'S 100'E NWc		
	10 th 200 to 40	Sec. 1 8N 3E	Chester 1514'-1656'	G.L. 629'
the collection of the collecti	WC-TK-TTETT NT-OM	Sec 1 8N 3E	Charter 1521"-1540"	6 1 6141
Exxon Corp.	@A. W. St. Pierre #1-4W	35'S 35'E NWc SE NE	כוופסופד דורד בוואס	10.0
		Sec. 1 8N 3E	Chester 1484'-1524'	G.L. 570'
Exxon Corp.	@Bertha Algood #2-3W	50'N 15'E SWc NE NW		
1		Sec. 2 8N 3E	Chester 1503'-1528'	G.L. 603'
Exxon Corp.	@Bertha Algood #2-9W	20'S 98'E NWC NE NW		
Exxon Corp.	@Bertha Algood #2-12W	25'N 50'W SE NE NE	Chester 1595'-1630'	6.1. 60/
•		Sec. 2 8N 3E	Chester 1498'-1601'	G.L. 610'
Exxon Corp.	@H. H. Buesking #2-8W	50'S 50'W NEC SE SE		
	,	Sec. 2 8N 3E	Chester 1481'-1588'	G.L. 604'
Exxon Corp.	@Minnie Doty #2-5W	28'N 50'E SWc SW NW		
,		Sec. 2 8N 3E	Chester 1476'-1587'	G.L. 595
Exxon Corp.	@Minnie Doty #2-13W			
		Sec. 2 8N 3E	Chester 1483'-1523'	G.L. 602'

Exxon

FERTIARY INJECTION

### PERMITS ISSUED IN 1985

ELEVATION 619 G.L. 618' G.L. 602' G.L. 601' 605 G.L. 619' G.L. 616' G.L. 617' G.L. 621' G.L. 599' G.L. 625' G.L. 615' 603 1665 595 591 G.L. 572' G.L. G.L. G.L. G.L. G.L. G.L. Chester 1470'-1628' Chester 1490'-1622' Chester 1510'-1646' Chester 1499'-1606' Chester 1619'-1642' Chester 1513'-1700' Chester 1481'-1584' Chester 1525'-1652' Chester 1609'-1625' Chester 1484'-1615' Chester 1492'-1602' Chester 1495'-1610' Chester 1460'-1594' Thester 1590'-1645' Chester 1495'-1580' Chester 1475'-1587' Chester 1519'-1642' FORMATION 21'N 103'E SWc NE SW 1210'N 50'E SWc SE NE 56° 1 90 1 8EC SE SH 50° 5 50 1 N BE 50° 5 50 1 N BE 50° 5 50 1 N BE 50° 2 8 N 3E 50° E 9 1 N WC 50° E 9 1 N WC 50° E 9 1 N WC 50° E 9 1 N WC 50° E 9 N 3E 50° E 9 N 3E 50° E 9 N 3E 50° E 5 N 3E 50° E NE SW SE NE SW SW SE 50'N 25'E SWc SE NE Sec. 3 8N 3E M LOCATION Sec. 2 8N 3E 75'N 50'E SWc N Sec. 2 8N 3E 30'N 15'W SEc Sec. 2 8N 3E 50'N 21'W SEC Sec. 2 8N 3E (\*=Converted) (@=Amended) 3Charles McCullum #2-7W-T Sinclair-Huffman #1-11W Sinclair-Huffman #2-10W @First State Bank #2-15W 3Charles Mccullom #2-7W @Sirilous Musser #11-2W 9F. P. Sinclair #2-6W-T @Ella Rhedemeyer #3-14W Ella Rhedemeyer #3-4W BElla Rhedemeyer #3-8W Blewis Huffman #1-5W-T @F. P. Sinclair #2-14W @F. P. Sinclair #2-16W 9F. P. Sinclair #2-4W @F. P. Sinclair #2-6W Ruth Musser #11-9W @Anna Sloan #2-8W-T FAYETTE COUNTY (contd.) DPERATOR Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Cerp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp.

ELEVATION			G.L. 583'		G.L. 559'	G.L. 614'		G.L. 620'	6.1 615	200	G.L. 612'		G.L. 624'	G.L. 610'		G.L. 655'		G.L. 600'		G.L. 605'	1012	0.1.	G.L. 629'		G.L. 619'		G.L. 555'		G.L. 527'	G.L. 556'	
FORMATION			Chester 1400'-1800'		Chester 1461'-1492'	Chester 1483'-1587'		Chester 1492'-1606'	Chester 1490'-1598'		Chester 1506'-1546'		Chester 1400'-1800'	Chester 1400'-1800'		Chester 1485'-1510'		Chester 1522'-1630'		Chester 1490'-1607'	10071 10071	Chester 1470 -100/	Chester 1511'-1620'		Chester 1400'-1800'		Chester 1400'-1800'		Chester 1438'-1466'	Chester 1400'-1800'	
LOCATION		330'N 315'W SEc NE SW	Sec. 3 8N 3E	330'S 330'E NWc NW SE	Sec. 3 8N 3E 50'N 50'W SEC NW NE	Sec. 10 8N 3E	50'N 50'E SWc SW NE	Sec. 10 8N 3E	Sec. 10 8N 3F	25'S 25'E NWC 8W NE	Sec. 10 8N 3E	55'S 100'W NEc NW SE	Sec. 10 8N 3E	Sec. 10 8N 3E	75'S 50'W NEc SW SW	Sec. 10 8N 3E	38'S 40'E NWc SW	Sec. 10 8N 3E	15'N 45'E SWc NW SW	Sec. 10 8N 3E	20.5 3.5 NWC NE SW	25'S 25'E NWC SW SE	Sec. 10 8N 3E	60'S 60'E NWC SE NW	Sec. 10 8N 3E	10'S 140'W NEC SE NE	Sec. 11 8N 3E	SO'N SO'W SEC SE NE	Sec. 11 8N 3E 50'N 25'F SW NF NF	Sec. 11 8N 3E	
WELL NAME (*=Converted) (@=Amended)		@Ella Rhedemeyer #3-15W		@Ella Rhedemeyer #8-W	@Bob Fortner #10-4W		@Bob Fortner #10-6W	GRob Fortner #10-8W		@Bob Fortner #10-12W		@Bob Fortner #10-18	@Julian Holman #10-19		@John McFadden #10-7W-T		@Thomas Sickles #10-5W		@Thomas Sickles #10-15W	Chocker 1 Colored And 1911	CCHAILES L. WOOD #10-13W	@Charles L. Wood #10-16W		@Grace L. Wood #10-17W		@William Holley #11-15W	0.00	GW1111am HOLLey #12-5W	GJohn Larimore #11-16W		
OPERATOR	FAYETTE COUNTY (contd.)	Exxon Corp.	· ·	Exxon Corp.	Exxon Corp.		Exxon Corp.	Exxon Corp.		Exxon Corp.		Exxon Corp.	Exxon Corp.		Exxon Corp.		Exxon Corp.	•	Exxon Corp.	17 CO 27 CO	.4.00	Exxon Corp.		Exxon Corp.	c	Exxon Corp.		Exxon Corp.	Exxon Corp.		

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OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
FAYETIE COUNTY (contd.)				
Exxon Corp.	@John Larimore #11-17W	10'S 70'W NEc		
Exxon Corp.	@Geral Miller #11-10W	Sec. 11 8N 3E 25'S 25'E NWC NE NE	Chester 1400'-1800'	G.L. 601'
F ( )	0Corol Millor #11-120	Sec. 11 8N 3E	Chester 1444'-1640'	G.L. 560'
caron corp.	MTI_III	25 N 25 E 5WC NW NE Sec. 11 8N 3E	Chester 1487'-1594'	6.L. 609'
Exxon Corp.	@John Sloan #11-1W	50'S 50'E NWc		
	@ John Sloon #11-3W	Sec. 11 8N 3E	Chester 1481'-1628'	G.L. 610'
Exxon corp.	בסחווו פדספוו יידובסא	40 N 35 W SEC NW NW Sec. 11 8N 3E	Chester 1497'-1596'	G.L. 623'
Exxon Corp.	@John Sloan #11-13W	20'N 20'E SWc NW NW		
Ç		Sec. 11 8N 3E	Chester 1400'-1800'	G.L. 618'
Exxon Corp.	@Roy Doty #12-4W	50'N 50'E SWc NE NE		39
Exxon Corp.	@Rov Doty #12-13W	Sec. 12 8N 3E 25'S 50'E NWC NE NE	Chester 1511'-1552'	G.L. 596'
	and the same same	Sec. 12 8N 3E	Chester 1400'-1800'	G.T., 5311
Exxon Corp.	@Roy McKay #3-W	25'N 5'W SEC SW NW		100
•		Sec. 12 8N 3E	Chester 1504'-1558'	G.L. 601'
Exxon Corp.	@Mae Taylor #12-6W	50'S 50'E NWC NW SE		
Exxon Corp.	GNae Tavlor #12-8W	Sec. 12 8N 3E 50'N 50'W SEC NW SE	Chester 1510'-1551'	G.L. 603'
		Sec. 12 8N 3E	Chester 1522'-1558'	G.L. 600'
Exxon Corp.	@Mae Taylor #12-16W	25'N SWc NW SE		
Exxon Corp.	@Alf Thompson #12-14W	Sec. 12 8N 3E 50'S 20'W NEc SW NW	Chester 1504'-1554'	G.L. 601'
Evvon Corn	1 0 Bor 2 2 10	Sec. 12 8N 3E	Chester 1400'-1800'	G.L. 540'
			Chester 1503'-1593'	G.I., 605'
Exxon Corp.	@J. C. Beck #3-WT	330'N 380'E SWc		
1		Sec. 16 8N 3E	Chester 1550'-1598'	G.L. 604'
Exxon Corp.	Glefferson Lilly #3-W	303'S 330'W NEc		
Exxon Corp.	GGuv Smith #2-W	Sec. 20 8N 3E 252'N 330'E SWC SE NE	Chester 1510'-1608'	G.L. 605'
		Sec. 20 8N 3E	Chester 1488'-1590'	G.L. 599'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Guy Smith #4-W	330'N 360'E SWC NE NE		
		Sec. 20 8N 3E	Chester 1504'-1603'	G.L. 596'
Exxon Corp.	@Tom Wright #2-W	364'N 310'E SWc SE		
		Sec. 20 8N 3E	Chester 1394'-1495'	G.L. 522*
Exxon Corp.	@Tom Wright #3-W	763'N 1068'W SEc		
		Sec. 20 8N 3E	Chester 1447'-1485'	G.L. 598
Exxon Corp.	@Tom Wright #5-W	330'S 330'W NEc SE SE		
		Sec. 20 8n 3E	Chester 1458'-1576'	G.L. 599'
Exxon Corp.	@Tom Wright #9-W	990'N 330'W SEc SW SE		
		Sec. 20 8N 3E	Chester 1452'-1568'	G.L. 582'
Exxon Corp.	@Tom Wright #11-W	990'S 990'W NEC 8E		
		Sec. 20 8N 3E	Chester 1460'-1578'	G.L. 597'
Exxon Corp.	@Harold Beck #28-2W	50'N 25'W SEc SW		4
		Sec. 21 8N 3E	Chester 1400'-1520'	G.L. 522'
Exxon Corp.	@Ira Boles #21-7W	50'N 50'W SEC NW SW		
		Sec. 21 8N 3E	Chester 1512'-1576'	G.L. 571'
Exxon Corp.	@Jennie Brauer #21-8W	50'S 50'E NWC BE SE		٠
		Sec. 21 8N 3E	Chester 1499'-1521'	G.L. 557'
Exxon Corp.	@Jennie Brauer #21-8W-T:	125'S 25'E NWc SE SE		
		Sec. 21 8N 3E	Chester 1457'-1565'	G.L. 551'
Exxon Corp.	@Goldie Hedges #2-W	330'S 330'W NEc SW NW		
		Sec. 21 8N 3E	Chester 1536'-1580'	G.L. 616'
Exxon Corp.	@M. E. Hogan #21-6W-T	100'S 98'E NWc SE		
		Sec. 21 8N 3E	Chester 1486'-1598'	G.L. 599'
Exxon Corp.	@Myrtle Larimore #1-W	330'S 990'E NWc		
		Sec. 21 8N 3E	Chester 1479'-1593'	G.L. 610°
Exxon Corp.	@Myrtle Larimore #3-W	330'N 330'E SWc NW NW		
		Sec. 21 8N 3E	Chester 1540'-1581'	G.L. 608'
Exxon Corp.	@Nelson Logue #22-5W-T	130'N 70'W SEC NE		
		Sec. 21 8N 3E	Chester 1449'-1546'	G.L. 619'
Exxon Corp.	@Presbyterian Church #21-17	80'S 555'W NEC SE NE		
		Sec. 21 8N 3E	Chester 1400'-1800'	G.L. 601'
Exxon Corp.	@Levi Tipsword #22-5W	55'N 40'W SEC NE		
		Sec. 21 8N 3E	Chester 1445'-1621'	G.L. 618'
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41 ELEVATION G.L. 621' 647 625 628 849 628 5291 524 558 1965 528 527 526 527 532 G.L. 621' G.L. 528' G.L. 643' 3.L. G.L. G.L. G.L. G.L. G.L. G.L. 3.L. 3.L. 3.L. G.L. G.L. 3.L. 3.L. Chester 1459'-1543' Chester 1462'-1595' Chester 1390'-1542' Chester 1450'-1541' Chester 1373'-1513' Chester 1415'-1563' Chester 1506'-1615' Chester 1476'-1583' Chester 1492'-1575' Chester 1555'-1585' Chester 1550'-1594' Chester 1399'-1569' Chester 1448'-1540' Chester 1389'-1505' Chester 1356'-1557' Chester 1436'-1639' Chester 1501'-1608' Chester 1535'-1653' FORMATION 100'N 1295'E SWc NW NW SE NW 330'N 330'E SWC NE NW 316'S 316'W NEC NW NE 130'N 330'W SWc NW NE 330'S 355'W NEC SW NE 25'N 41'W SEC SW SE Sec. 22 8N 3E 25'N 25'W SEC SW SW 25'N 25'W SEc NE SW 24'N 33'E SWc NW SW SE NW 15'N 50'E SWc NE SW 10'S 30'E NWc NE SW 10'S 10'W NEC SE NE SW 330'S 302'W NEC NW 105'N 41'E SWc SE 383'S 383'W NEc N 50'E SWc NE 550'N 550'E SWc LOCATION Sec. 21 8N 3E 25'N 45'E SWc Sec. 21 8N 3E Sec. 21 8N 3E Sec. 21 8N 3E Sec. 21 8N 3E Sec. 21 8N 3E Sec. 22 8N 3E Sec. 22 8N 3E Sec. 22 8N 3E Sec. 22 8N 3E Sec. 22 8N 3E Sec. 22 8N 3E Sec. 22 8N 3E Sec. 21 8N 3E Elizzie Fichteman #27-2W-T (\*=Converted) (@=Amended) @Cynthia Hopper #22-7W-T3 alizzie Fichteman #27-10W 3Cynthia Hopper #22-7W-T2 @Cynthia Hopper #22-13W @Cynthia Hopper #22-16W Blevi Tipsword #22-11W @Gerald Weaber #21-13W @Nelson Logue #22-15W @J. B. Drees #22-3W-T George Durbin #27-9W eJ. T. Wright #10-W 0J. T. Wright #11-W @George Durbin #4-W Gerald Weaber #5-W @J. T. Wright #5-W @J. T. Wright #1-W eJ. T. Wright #7-W WELL NAME FAYETTE COUNTY (contd.) OPERATOR Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp.

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Kenneth Stubblefield #22-6W-T	15'N 500'E SWc NE		
		Sec. 22 8N 3E	Chester 1446'-1576'	G.L. 589†
Exxon Corp.	@Kenneth Stubblefield #22-12W	25'S 38'E NWc SW NE		
		Sec. 22 8N 3E	Chester 1427'-1603'	G.L. 587
Exxon Corp.	@Mary Williams #22-4W	1270'S 1270'W NEC		
		Sec. 22 8N 3E	Chester 1435'-1526'	G.L. 571*
Exxon Corp.	@Mary Williams #22-4W-T	125'N 50'E SWc NE NE		
		Sec. 22 8N 3E	Chester 1417'-1580'	G.L. 591'
Exxon Corp.	@Mary Williams #22-8W-Tl	100'N 70'E SWC NE SE		
		Sec. 22 8N 3E	Chester 1376'-1488'	G.L. 525'
Exxon Corp.	@Mary Williams #22-8W-T2	25'N 70'E SWc NE SE		
		Sec. 22 8N 3E	Chester 1376'-1524'	G.L. 524'
Exxon Corp.	@Mary Williams #22-14W	30'S 25'E NWc NE SE		42
		Sec. 22 8N 3E	Chester 1454'-1597'	G.L. 605'
Exxon Corp.	@Mary Williams #23-11W	5'N 45'W SEC NE NE		
		Sec. 22 8N 3E	Chester 1452'-1608'	G.L. 589
Exxon Corp.	@Mary Williams #23-15W	25'N 25'W SEC NE SE		
		Sec. 22 8N 3E	Chester 1391'-1540'	G.L. 533
Exxon Corp.	@George Bauer #23-5W	50'N 50'E SWc NW		
		Sec. 23 8N 3E	Chester 1550'-1567'	G.L. 602'
Exxon Corp.	@George Bauer #23-5W-T	50'N 100'E SWc NW		
		Sec. 23 8N 3E	Chester 1463'-1594'	G.L. 602
Exxon Corp.	@Bauer-Smith #23-3W	50'S 50'E NWc SE NW		
		Sec. 23 8N 3E	Chester 1435'-1529'	G.L. 601
Exxon Corp.	@Bauer-Smith #23-3W-T	100'S 5'E NWc SE NW		
		Sec. 23 8N 3E	Chester 1595'-1605'	G.L. 600'
Exxon Corp.	@Isabel Brooks #23-6W	50'S 50'E NWc SE		
		Sec. 23 8N 3E	Chester 1485'-1550'	G.L. 593'
Exxon Corp.	@Isabel Brooks #23-8W	50'N 50'W SEC NW SE		
			Chester 1431'-1460'	G.L. 536'
Exxon Corp.	@Brooks-Hopper #23-12W	50'S 1270'W NEC SW NE		
		Sec. 23 8N 3E	Chester 1417'-1472'	G.L. 538
Exxon Corp.	@E. T. Dragoo #23-4W	50'S 50'E NWC SE NE		
		Sec. 23 8N 3E	Chester 1479'-1544'	G.L. 608

OPERATOR FAYETTE COUNTY (contd.)

Exxon Corp.

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WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
@E. T. Dragoo #24-5W	25'N 25'W SEC NE	Chocker 1/80°-15/2°	1 6001
 @Willie Logue #6-W	330'N 330'W SEc SW	Chester 1407 -1542	6.1.523
@Willie Logue #23-15	20'N 5'E SWC SE SW	Chester 1400'-1900'	0.1. 5251
@Earl Rhodes #23-7W	50'S 50'W NEC SW SW	Chester 1400 -1000	6.1. 535
OEarl Rhodes #26-1W	Sec.: 23 8N 3E 30'N 65'E SWc	Chester 1415'-1546'	G.L. 531'
13C 1 CCT	Sec. 23 8N 3E	Chester 1409'-1444'	G.L. 537'
WCI-C2# SIMMORE #C3-T3M	Sec. 23 8N 3E	Chester 1479'-1631'	G.L. 607'
GJennie Brauer #2/-1W	Sec. 27 8N 3E	Chester 1451'-1505'	G.L. 526'
@Eliza M. Durbin #1-W	338'S 330'W NEC SW SW	Chester 1479'-1542'	G.T., 604'
@Eliza Durbin #9-W	330'N 330'E SWc		
dA Fortner #27-15W	Sec. 27 8N 3E 25'N 25'F. SWC NW SW	Chester 1500'-1540'	G.L. 605'
	Sec. 27 8N 3E	Chester 1462'-1541'	G.L. 604'
ek. I. hopper #3-w	Sec. 27 8N 3E	Chester 1476'-1554'	G.L. 552'
@R. T. Hopper #27-20	50'S 130'E NWC NE SW Sec. 27 8N 3E	Chester 1400'-1800'	G.L. 595'
@H. O. Lewis #7-W	9'S 21'E NWc SE Sec. 27 8N 3E	Chester 1574'-1598'	G.L. 600'
@Mary Rhodes #26-1W-T	20'S 153'W NEC Sec. 27 8N 3E	Chester 1451'-1563'	G.L. 587'
@Mary Rhodes #27-18	85'N 260'W SEC NW NE Sec. 27 8N 3E	Chester 1400'-1800'	G.L. 609'
@Rosa Sealock #27-16	150'N 50'W SEC NE Sec. 27 8N 3E	Chester 1400'-1800'	G.L. 589'
@Rosa Sealock #27-17	45'S 15'W NEC SE NE Sec. 27 8N 3E	Chester 1400'-1800'	G.L. 550'
@Earl Tucker #27-19	100'N 35'E SWC NW NE Sec. 27 8N 3E	Chester 1400'-1800'	G.L. 601'

Exxon Corp.

OPERATOR	WELL NAME (%=Converted)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	GJohn B. Tucker #27-3W-T	40'N 25'E SWc NE NW		
		Sec. 27 8N 3E	Chester 1527'-1585'	G.L. 593'
Exxon Corp.	@Eliza M. Durbin #5-W	280'N 330'E SWc 8E SE		
			Chester 1476'-1550'	G.L. 594
Exxon Corp.	@Edith Marshall #28-6W-T2	210'S 70'W NEC SW Sec. 28 8N 3E	Chester 1436'~1580'	G.L. 604'
Exxon Corp.	@Mabel Mills #1-W	260'N 322'E SWC NW SW		
·		Sec. 28 8N 3E	Chester 1439'-1578'	G.L. 598'
Exxon Corp.	@Mabel Mills #9-W	330'N 330'E SWc		
		Sec. 28 8N 3E	Chester 1421'-1515'	G.L. 565'
Exxon Corp.	@Mabel Mills #15-W	304°N 477°E SWc		
		Sec. 28 8N 3E	Chester 1521'-1562'	G.L. 575'
Exxon Corp.	@Mabel Mills #28-7W	50'N 50'W SEC NW SW		
		Sec. 28 8N 3E	Chester 1445'-1575'	G.L. 604'
Exxon Corp.	@Mabel Mills #28-7W-T	125'N 50'W SEc NW SW		
		Sec. 28 8N 3E	Chester 1446'-1512'	G.L. 603'
Exxon Corp.	@Mabel Mills #28-8W	60'S 50'W NEC SW SE		
		Sec. 28 8N 3E	Chester 1440'-1548'	G.L. 599'
Exxon Corp.	@Mabel Mills #28-8W-T	89'S 117'W NEc SW SE		
		Sec. 28 8N 3E	Chester 1448'-1504'	G.L. 600°
Exxon Corp.	@Mabel Mills #28-13W	25'S 25'W NEc NW SW		
		Sec. 28 8N 3e	Chester 1435'-1607'	G.L. 596'
Exxon Corp.	@Mabel Mills #28-16W	41'S 1'W NEC SE SW		
			Chester 1447'-1582'	G.L. 607
Exxon Corp.	@Mabel Mills #28-17	50'N 110'W SEC SW SW		
		Sec. 28 8N 3E	Chester 1400'-1800'	G.L. 561'
Exxon Corp.	@Mabel Mills #33-2W	50'N 25'E SWc SE		
		Sec. 28 8N 3E	Chester 1459'-1517'	G.L. 599'
Exxon Corp.	@Orville Mills #5-W	360'N 330'E SWc NW		
			Chester 1411'-1557'	G.L. 583*
Exxon Corp.	@Orville Mills #28-3W-T	25'S 110'W NEc SW NW		
2		Sec. 28 8N 3E	Chester 1359'-1475'	G.L. 525
exxon corp.	@Kudco-Evans #28-18-1	85'N 100'E SWC NW NE	1,000 - 1,000	1 5021
		Sec. 20 0N 3E	Ollester 1400 -1800	8:1: 332

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OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Mamie Tucker #28-14W	10'N 32'E SWC SE NE		
		Sec. 28 8N 3E	Chester 1447'-1562'	G.L. 604'
Exxon Corp.	@Lydia Weaber #6-W	330'S 405'W NEC NW NW		
		Sec. 28 8N 3E	Chester 1400'-1534'	G.L. 529'
Exxon Corp.	@Weaber-Horn #28-12W	45'N 19'W SEc NE NW		
			Chester 1430'-1599'	G.L. 580'
Exxon Corp.	GHarold Zetsche #2/-5W-1	4/3.2 TP7.M NEC 2E		
Exxon Corp.	GC. C. Bennett #1-W	360'S 330'W NEC SW NW	Chester 1462'-131/	. /60 77.9
			Chester 1511'-1515'	G.L. 603'
Exxon Corp.	@C. C. Bennett #3-W	330'N 325'E SWc NW		
		Sec. 29 8N 3E	Chester 1445'-1491'	G.L. 525'
Exxon Corp.	@Kay Birdie #2-W	330'S 330'W NEc NW SE		
			Chester 1443'-1469'	G.L. 523'
Exxon Corp.	@Kay Birdie #3-W	390'N 328'E SWc NW SE		
		Sec. 29 8N 3E	Chester 1449'-1518'	G.L. 529'
Exxon Corp.	@Mary Dunaway #3-W	330'N 330'E SWc NE SE		
			Chester 1416-1478'	G.L. 529'
Exxon Corp.	@Mary Dunaway #4-W	335'S 330'W NEc SE		
		Sec. 29 8N 3E	Chester 1438'-1589'	G.L. 606'
Exxon Corp.	@Mary Dunaway #7-W	350'N 267'E SWc NE SE		
		Sec. 29 8N 3E	Chester 1416'-1496'	G.L. 529'
Exxon Corp.	@Raul Dunaway #2-P-W	335'N 330'E SWc NE NE		
		Sec. 29 8N 3E	Chester 1359'-1510'	G.L. 522'
Exxon Corp.	@Raul Dunaway #4-W	330'S 330'W NEc		
		Sec. 29 8N 3E	Chester 1388'-1527'	G.L. 523'
Exxon Corp.	@Fred Ireland #1-W	334'S 340'W NEC SE SE		
		Sec. 29 8N 3E	Chester 1438'-1472'	G.L. 538'
Exxon Corp.	@Fred Ireland #4-W	409'S 340'W NEc SE SE		
			Chester 1384'-1520'	G.L. 537
Exxon Corp.	@B. Miller Kimbrell #1-W	350'N 334'E SWc SE SW		
1		Sec. 29 8N 3E	Chester 1434'-1516'	G.L. 528'
Exxon Corp.	@Birdie Kimbrell #7-W	320'N 345'E SWc SE NW		
		Sec. 29 8N 3E	Chester 1367'-1510'	G.L. 523

#### TERTIARY INJECTION PERMITS ISSUED IN 1985

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Birdie Kimbrell #8-W	302'S 387'W NEC SE NW		;
Exxon Corp.	GS. R. Myers #4-W	330'S 330'W NEC SW SE	Chester 1391'-1498'	G.L. 523'
			Chester 1470'-1560'	G.L. 591'
Exxon Corp.	@S. R. Myers #5-W	330'S 275'W NEC SW SE	Cheeter 1503'-1542'	1085 1 5
Exxon Corp.	@S. R. Myers #6-W	228'N 418'E SWc SE	4	
Exxon Corp.	@Katie Owens #2-W	330'S 330'W NEC SW	Chester 1444'-1536'	G.L. 585'
			Chester 1404'-1486'	G.L. 520'
Exxon Corp.	@Katie Owens #4-W	331'N 369'E SWC NE SW	1,031 16041	1003 1
Exxon Corp.	GOwens-Evans #1-W	264'N 328'W SEC NE SE SW	Chester 1421 -1304	
		Sec. 29 8N 3E	Chester 1506'-1560'	G.L. 572*
Exxon Corp.	@G. Raymond C-64-#2-W	333'N 330'E SWC SE NE	10131 10301	1,63,1
Exxon Corp.	6G. Ravmond C-64 #3-W	330'S 330'W NEC SE NE	Chester 1369'-1312'	6.L. 334
		Sec. 29 8N 3E	Chester 1387'-1530'	G.L. 561'
Exxon Corp.	@Emily Sherman #2-W	329'S 330'W NEc NW NW		
			Chester 1533'-1559'	G.L. 596'
Exxon Corp.	@Roy Weber #4-W	401'N 326'E SWc SE SE	Chester 1421'-1455'	G.T. 579'
Exxon Corp.	@Roy Weber #4-WI	434'N 347'E SWc SE SE		
Exxon Corn	GFred I. Brown #4-14	Sec. 29 8N 3E	Chester 1488'-1569'	G.L. 578'
		1	Chester 1494'-1548'	G.L. 602'
Exxon Corp.	@Clara McCann #3-W	326'S 332'W NEC SE	Chocker 1/87'-159/'	G. T., 607
Exxon Corp.	@Clara McCann #4-W	341'N 299'E SWC NE SE	Chester 140/ -1394	200
			Chester 1472'-1564'	G.L. 592'
Exxon Corp.	(dJ. H. Smith #3-W	338'N 313'E SWc SE Sec. 31 8N 3E	Chester 1460'-1519'	G.L. 596'
Exxon Corp.	@Lizzie Smith #1-W	348'N 373'E SWc SE SE	Chaster 1437'-1550'	G.L. 564'
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OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Lizzie Smith #2-W	345'S 330'W NEc SE SE		
Exxon Corp.	@Mary Blurton #4-W	Sec. 31 8N 3E 373'N 234'W SEC SW NW NE	Chester 1462'-1578'	G.L. 598'
Evvon Corn.	GFred I. Brown #6-W	MS MS	Chester 1423'-1531'	G.L. 598'
	: : : : : : : : : : : : : : : : : : : :		Chester 1448'-1602'	G.L. 601'
Exxon Corp.	dreroy cummings #1-W	336'N 336'E SWC NE SW Sec. 32 8N 3E	Chester 1497'-1520'	G.L. 580'
Exxon Corp.	@Leroy Cummings #4-W	321'N 332'E SWC NW SW		
Exxon Corp.	@Leroy Cummings #5-W	Sec. 32 8N 3E 158'S 330'E NWC NE SW NW	Chester 1443'-1586'	G.L. 599'
	10	į	Chester 1449'-1543'	G.L. 597'
Exxon corp.	ereroy cummings #/-w	Sec. 32 8N 3E	Chester 1477'-1551'	47 CO2. T
Exxon Corp.	@Leroy Cummings #10-W	331'S 263'W NEc NW SW		
ţ.		Ę	Chester 1409'-1592'	G.L. 599'
Exxon Corp.	Cheroy Cummings #11-W	390'N 281'E SWC SE NW	Chester 1429'-1586'	G.T. 598*
Exxon Corp.	@Leroy Cummings #12-W	286'N 386'E SWc NE SW		
1		Sec. 32 8N 3E	Chester 1427'-1576'	G.L. 578'
Exxon corp.	er. C. coerting #14-w	195 N 20/ E SWC NW NW Sec. 32 8N 3E	Chester 1507'-1551'	G.L
Exxon Corp.	@William Ireland #5-W	337'S 331'W NEC SE NE		
Exxon Corp.	@William Ireland #6-W	328'S 330'W NEC SW NE	Chester 1421 -1381	6.1. 398
•			Chester 1435'-1532'	G.L. 599*
Exxon Corp.	@William Ireland #13-W	330'N 330'E SWc NE		
Even Corn.	Outilian trolond #18-0	Sec. 32 8N 3E 340'N 405'F SW NF	Chester 1426'-1524'	G.L. 592'
			Chester 1430'-1594'	G.L. 593'
Exxon Corp.	@William Ireland #19-W	399'S 364'W NEC NW NE		
			Chester 1434'-1533'	G.L. 594'
Exxon Corp.	dwilliam Ireland #20-w	2/8'S 280'W NEC SW NE Sec. 32 8N 3E	Chester 1538'-1588'	G.L. 597'
Exxon Corp.	@William Ireland #33-5W	50'N 50'W SEC NE		
		Sec. 32 8N 3E	Chester 1483'-1605'	G.L. 602'

### TERTIARY INJECTION PERMITS ISSUED IN 1985

ELEVATION 592 604 601 009 552 G.L. 575 G.L. 575' G.L. 554' G.L. 602' 598 3.L. 598' 3.L. 592' 3.L. 592 3.L. 596' 3.L. 590' 600 G.L. 596' 3.L. 3.L. 3.L. 3.L. 3.L. 3.L. 3.L. Chester 1450'-1556' Chester 1454'-1542' Chester 1459'-1599' Chester 1433'-1538' Chester 1439'-1594' Chester 1456'-1534' Chester 1455'-1587' Chester 1445'-1596' Chester 1459'-1558' Chester 1483'-1603' Chester 1455'-1557' Chester 1459'-1605' Chester 1495'-1547' Chester 1420'-1514' Chester 1520'-1578' Chester 1391'-1494' Chester 1440'-1536' FORMATION SE SE SW SW SE SE SE SE 340'N 400'E SWc NE NE NE MM SE SE SE SE SW SW SW SE NE 330'S 330'W NEc SW 342'N 331'E SWc SE 125'N 50'W SEC NE 330'S 255'W NEc 292'N 281'E SWc 327'S 328'W NEC 277'S 278'W NEc 330'N 330'E SWc 365'S 348'W NEc 417'S 412'W NEC 330'N 255'E SWc 265'N 391'E SWc 334'S 340'W NEc LOCATION 334'N 344'E SWc 330'S 330'W NEc 328'S 381'W NEc Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3e Sec. 32 8N 3E Sec. 32 8N 3e Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E Sec. 32 8N 3E (\*=Converted) (@=Amended) @William Ireland #33-5W-T Charity McClain #2-W Ocharity McClain #3-W @Oscar McClain #10-W @Elsie McClain #1-W @Elsie McClain #3-W @Oscar McClain #3-W @Oscar McClain #8-W @Pearl McClain #1-W @Pearl McClain #3-W @Pearl McClain #5-W @Pearl McClain #6-W @Robert McCloy #2-W @Robert McCloy #4-W @Robert McCloy #6-W @Robert McCloy #7-W @Martha Tirrey #5-W WELL NAME FAYETTE COUNTY (contd.) OPERATOR Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp. Exxon Corp.

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Martha Tirrey #6−W	330'S 330'W NEC NW SE		;
Exxon Corp.	@Martha Tirrey #8-W	330'S 332'W NEC SW	Chester 1442'-1534'	G.L. 597'
	II-OLD START CHANNE	Sec. 32 8N 3E	Chester 1435'-1520'	G.L. 585
	enating filley will-w		Chester 1545'-1599'	G.L. 596'
Exxon Corp.	@Martha Tirrey #12-W	383*N 277*E SWc NW 8E		
Exxon Corp.	@Martha Tirrev #13-W	335'N 332'E SWC 8E NW	Chester 1434'-1591'	G.L. 592'
	11 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sec. 32 8N 3E	Chester 1433'-1538'	G.L. 599'
EANOH COLD:	enarcha iirey vi4-w	Sec. 32 8N 3E	Chester 1490'-1587'	1.584°
Exxon Corp.	@Henry Tucker #1-W	320'N 330'E SWc NE SE		49
		Sec. 32 8N 3E	Chester 1490'-1546'	G.L. 599'
Exxon corp.	enenry lucker #4-w	320'N 403'E SWC NE SE	Chester 1461'-1600'	6 1 5 981
Exxon Corp.	@John Dial #2-W	330'N 330'E SWC NE		
ţ		Sec. 33 8N 3E	Chester 1453'-1588'	G.L. 595'
Exxon Corp.	@John Dial #/-W	380'S 330'W NEC SW NE	Chester 1469'-1530'	5001
Exxon Corp.	@John Dial #8-W	380'S 235'W NEC SW NE	100	
	000110 M DATE #1-13	Sec. 33 8N 3E	Chester 1453'-1593'	G.L. 600'
EAMOR COLD.	Corras M. Dial #1-W	330'N 330'E SWC 8E NE Sec. 33 8N 3E	Chester 1459'-1567'	G.L. 602'
Exxon Corp	@Silas M. Dial #6-W	280'S 330'W NEc NW NE		
c c			Chester 1448'-1496'	G.L. 585'
Exxon Corp.	esilas M. Dial #/-W	350'S 330'W NEC SE NE Sec. 33 8N 3E	Chester 1460"-1569"	G.I., 603'
Exxon Corp.	@Silas M. Dial #11-W	375'S 391'W NEC SE NE		
		Sec. 33 8N 3E	Chester 1465'-1506'	G.L. 602'
Exxon Corp.	@Silas M. Dial #33-3W	50'N 50'E SWC NE NW		
Exxon Corn.	081128 M Dial #33-344-7	Sec. 33 8N 3E 50'N 125'F SEC NE	Chester 1445'-1578'	G.L. 595'
		Sec. 33 8N 3E	Chester 1442'-1543'	G.L. 596'

TERTIARY INJECTION

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@Silas M. Dial #33-12W	20'N 5'E SWC NW NE		
		Sec. 33 8N 3E	Chester 1428'-1566'	G.L. 578'
Exxon Corp.	@Dial-Durbin #2-W	380'N 330'E SWC NE NE		
		Sec. 33 8N 3E	Chester 1443'-1553'	G.L. 595'
Exxon Corp.	@Dial-Durbin #3-W	314'N 400'E SWc NE NE		:
		Sec. 33 8N 3E	Chester 1561'-1580'	G.L. 596'
Exxon Corp.	@Eliza M. Durbin #7-AW	330'S 355'W NEc		
		Sec. 33 8N 3E	Chester 1464'-1599'	G.L. 603
Exxon Corp.	@William Ireland #7-W	311'N 331'E SWc NW NW	1,0001-15001	1 2 5 5 6 1
		Sec. 33 on 3E	Cilescel 1400 TOO	0.1.
Exxon Corp.	@Laura McClain #3-W	31/'N 333'E SWC	1,700 1 15001	1 601
	11-7# "FOLDON COLUMN	217'N 258'E SH	CITED THE THORN	50
Exxon corp.	granta meetatii #4-w	21) N 230 E 3WC	Chantar 1506'-1601'	C T 600°
	GMostha Toulor #3-11	330'S 330'E NEC SE SE	Ollescer Tool Tool	
- d 100 100 m	בומר בומ דמל דמר " מ	5	Chaster 1476'-1569'	G.T. 602*
	Martha Tarlor #5-11	305'S 330'W NFC NW SW		
ryyon corb.	בוים במלבט "ל"ח	Sec. 33 8N 3F	Chaster 1/77'-1560'	G.T. 600'
	Martha Taylor #6-11	387'S 300'IN NEC NIN SIL		
takon corp.	בומדרוום דמלדסו אס-א	Sec 33 8N 3F	Chester 1449'-1590'	G.I. 598*
Exxon Corn	@Martha Tavlor #7-W	255'S 330'W NEC SW SW		
			Chester 1480'-1603'	G.L. 600'
Exxon Corp.	Winton Taylor #1-W	330'S 330'W NEC SE		
			Chester 1469'-1565'	G.L. 601'
Exxon Corp.	@Winton Taylor #6-W	330'S 255'E NWC NE NE SE		
	•	Sec. 33 8N 3E	Chester 1469'-1600'	G.L. 599'
Exxon Corp.	@C. H. Tish #3-W	320'S 1008'E NWc SE		
		Sec. 33 8N 3E	Chester 1461'-1602'	G.L. 601'
Exxon Corp.	@C. H. Tish #5-W	250'N 329'W SEc SW NE SE		
		Sec. 33 8N 3E	Chester 1542'-1597'	G.L. 598'
Exxon Corp.	@C.H. Tish #6-W	979'S 330'E NWc SE		
		Sec. 33 8N 3E	Chester 1463'-1589'	G.L. 602*
Exxon Corp.	@C. H. Tish #8-W	340'N 330'W SEC NE SW SE		
		Sec. 33 8N 3E	Chester 1473'-1606'	G.L. 598'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY (contd.)				
Exxon Corp.	@C. H. Tish #13-W	295'S 981'E NWc SE	Chantor 1,63'-1527'	109 1 2
Exxon Corp.	@C. H. Tish #15-W	280'N 304'W SEC SW NE SE	Circles 1403 -1327	6.1. 002
,		Sec. 33 8N 3E	Chester 1469'-1516'	G.L. 600'
Exxon Corp.	ec. n. Ilsn ∦lb-w	Sec. 33 8N 3E	Chester 1466'-1594'	G.L.
Exxon Corp.	@Arthur Watson #1-W	330'S 330'W NEc sW		
The state of the s	GATTHIY Watern #3-W	330's 327'w NEC SE SW	Chester 1458'-1595'	G.L. 595'
		1	Chester 1463'-1529'	G.L. 598'
Exxon Corp.	@Arthur Watson #6-W	330'N 330'E SWc SE SW	11231 10271	
Exxon Corp.	@Arthur Watson #7-W	330'N 330'E SWc NE SW	Chester 14/9'-15/1'	.660 *7*9
			Chester 1473'-1604'	G.L. 599'
Exxon Corp.	@Arthur Watson #9-W	374'N 384'E SWc SE SW	10001	
	Shrthir Usteen #10-10	Sec. 33 8N 3E	Chester 1483 -1006	. /6C -7.9
Exxon corp.	Water water	Sec. 33 8N 3E	Chester 1528'-1567'	G.L. 598'
Exxon Corp.	@Watson Unit C-737 #2-W	330'S 330'W NEc SE SE		,
ţ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sec. 33 8N 3E	Chester 1485'-1586'	G.L. 598'
Exxon Corp.	GJack Dlal #1-W		Chester 1477'-1606'	G.L. 603'
Exxon Corp.	@Jack Dial #2-W	332'S 326'W NEC SW NW		
2000	000000 Dio 1 #2-11	330'N 330'E SWANW	Chester 150/'-160/'	G.L. 604
		Sec. 34 8N 3E	Chester 1489'-1611'	G.L. 605'
Exxon Corp.	@Winton Taylor #2-W	331'N 365'E SWc NW SW		
		Sec. 34 8N 3E	Chester 1498'-1591'	G.L. 600'
Exxon Corp.	er. P. Sinclair #2-2W	Sec. 35 9N 3E	Chester 1504'-1584'	G.L. 601'
Exxon Corp.	@A. W. St.Pierre #1-2W	80'N 25'E SWC SW SE		
		Sec. 36 9N 3E	Chester 1525'-1558'	G.L. 617'
Exxon Corp.	@A. W. St.Pierre #1-10W	25'N 25'W SEC SW SE	Obooton 15151-15621	6 1 6001
		Sec. 30 3N 3E	Clester TOTO TOO	

ELEVATION			G.L. 400	G.L. 456°		G.L. 471'	G.L. 471'		G.L. 471'			G.L. 482'			G.L. 455'		G.L. 439'		G.L. 452'		G.L. 422		G.L. 454			G.L. 427'		G.L. 432	G.T. 419'		G.L. 400'
FORMATION		Middle Cypress 2670'-2689'	Aux Vases 2955'-2975' Middle Cypress 2666'-2681'	Aux Vases 2933'-2967'	Upper Bethel 2798'-2830' Lower Bethel 2840'-2847'	Aux Vases 2929'-2972'	Middle Cypress 2676'-2694'		Middle Cypress 2662'-2680'		Upper Bethel 2791'-2810'	Aux Vases 2942'-2985'	Upper Cypress 2646'-2664'	Middle Cypress 2671'-2677'	Aux Vases 2920'-2982'	Lower Cypress 2697'-2730'	Middle Cypress 2634'-2650'		Upper Bethel 2755'-2768'	Upper Cypress 2611'-2622'	Middle Cypress 2640'-264/'	Bethel 2812 -2832	Any Vaces 2912'-2949'	Cypress 2623'-2657'	Benoist 2800'-2808'	Aux Vases 2885'-2933'	Middle Cypress 2630'-2650'	Aux Vases 2884'-2916'	Waltershire 2172'-2195'	Waltersburg 2140'-2190'	Aux Vases 2900'-2930'
LOCATION		330'N 330'W SEC NE NW	Sec. 2 /S 8E 330'S 330'E NWC SE NW	Sec. 2 7S 8E	300'S 370'E NWc SW NE Sec. 2 7S 8E	300'S 330'E NWC SW NE		330'N 330'W SEc NW	Sec. 2 7S 8E	330'N 330'W SEc SW NE	Sec. 2 7S 8E		330'S 330'E NWc NE SW	Sec. 2 78 8E		330'N 330'W SEC NE SW		345'N 330'W SEc NW SE		330'S 330'E NWc SE SW		33U'S 33U'E NWC SW SE	Sec. 2 /3 8E	330'N 330'W SEc SW	Sec. 2 7S 8E		330'S 330'E NWc NE	Sec. 11 75 8e	330'S 330'W NEC SE NW	55'S 660'E NWc	Sec. 14 7S 8E
WELL NAME (*=Converted)		@Roland Unit Area I #3-W	@Roland Unit Area I #5-W		@Roland Unit Area I #8-W	@Roland Huit Area T #9-W		@Roland Unit Area I #12-W		@Roland Unit Area I #14-W			@Roland Unit Area I #15-W			@Roland Unit Area I #20-W		@Roland Unit Area I #22-W		@Roland Unit Area I #23-W		ekoland Unit Area I #25-W		@Roland Unit Area I #28-W			@Roland Unit Area I #32-W	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ekotand Unit Area I #39-w	@S. W. Roland Unit #37-W	
OPERATOR	WHITE COUNTY	Exxon Corp.	Exxon Corp.		Exxon Corp.	Fyxon Corn.		Exxon Corp.		Exxon Corp.		,	Exxon Corp.			Exxon Corp.		Exxon Corp.		Exxon Corp.	•	exxon corp.		Exxon Corp.			Exxon Corp.		Exxon corp.	Exxon Corp.	

### TERTIANT INJECTION

# PERMITS ISSUED IN 1985

OPERATOR	WELL NAME	LOCATION	FORMATION	ELEVATION	
	(*=Converted) (@=Amended)			ELEVALLON	
WHITE COUNTY (contd.)					
Exxon Corp.	@S. W. Roland Unit #1-W	661'N 675'E SWc NW NW			
Exxon Corp.	@S. W. Roland Unit #26-W	Sec. 15 78 8E 50'S 50'E NWC NE NW	Waltersburg 2236'-2268'	G.L. 469'	
Exxon Corp.	@S. W. Roland Unit #27-W	Sec. 15 7S 8E 40'S 60'E NWC NE NE	Waltersburg 2231'-2269'	G.L. 453'	
Exxon Corp.	GS. W. Roland Unit #28-W	Sec. 15 78 8E 60'N 295'W SEC NW NW	Waltersburg 2195'-2232'	G.L. 433'	
Exxon Corp.	GC W Boland Hatt #30-U	Sec. 14 78 8E	Waltersburg 2158'-2196'	G.L. 387*	
Exxon Corp.	68. W Roland Haff #31-W	Sec. 15 78 8E	Waltersburg 2174'-2215'	G.L. 403'	
and of the state o	11 (0) 17 11 11 11 11 10	Sec. 15 78 8E	Waltersburg 2178'-2205	G.L. 406'	
	es. w. Koland Unit #55-w	Sec. 15 78 8E	Waltersburg 2196'-2217'	G.L. 416'	23

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
BOND COUNTY				
Bi-Petro, Inc.	*Harry Durr #1	405'N 330'W SEC SW SE Sec. 33 7N 2W	Salem 1554'-1574'	6.L. 595'
CHRISTIAN COUNTY				
William Atteberry	*Warren #11-A	330'S 330'E NWc SW SE	Benoîst 1532'-1538'	G.L. 665'
Jordan Oil & Gas Co.	*Lawlis #2	330'N 330'E SWC SE SW	Benoist 1238'-1263'	G.L. 620'
Jordan Oil & Gas Co.	*Markwell #1	Sec. 25 15N 1E 330'S 330'E NWC NE SE	Benoist 1230'-1256'	G.L. 624'
Jordan Oil & Gas Co.	Boynton #2	56c. 25 L5N LE 950'N 600'E SWC NE	Benoist 1230'-1255'	6.L. 612°
Joe Simpkins Oil Developments	*Becky #1	Sec. 20 13N 1E 292'S 100'W NEC NW NE Sec. 32 14N 3W	Silurian 1740'-1748'	G.L. 593'
CLARK COUNTY				•-
Redman Production Co.	Morgan #2	0'S 114'E NWC SW NW	Casey 460'-500'	G.L. 601°
John H. Ryan	G. Davis #1-A	550'S 440'W NEC NE NW SW	Pennsylvania 440'-460'	G.L. 586'
Huff Drlg. Co., Inc.	Doit Biggs #50	440*N 440*W SEC SW SW	St. Louis 310'-350'	6.L. 657
Huff Drig. Co., Inc.	Dol+ Biggs #51	440'S 440'E NWC SW SW	St. Louis 310'-350'	6.L. 650'
Huff Drig. Co., Inc.	Doit Biggs #52	Sec. 3 11N 14W 440'S 440'W NEC SW SW	St. Louis 310'-350'	6.L. 656'
Huff Drig. Co., Inc.	Doit Biggs #53	440'N 440'E SWC	St. Louis 310'-350'	G.L. 652°
Paul Young	Jones #2-1	660'S 660'E NWC SE	Mississippian 330'–360'	G.L. 648'
Paul Young	*Jones #1-1	Sec. 4 IIN 14W 660'N 430'W SEC NE Sec. 4 IIN 14W	Mississippian 304'-360'	G.L. 627'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
CLARK COUNTY(contd.)				
Ashley Oil Co.	Fred McVey #1	660'S 660'E NWc SW NW	Mississippian 350'-500'	G.L. 659¹
L & J Oil & Gas, Inc.	Fred McVey #2	Sec. 5 IIN 14W 660'N 660'W SEC NW SW	Mississippian 300'-500'	G.L. 668'
Ashley 011 Co.	*J. M. Vanliew #2	540'S 540'E NWC NE NW	Mississippian 287'-470'	G.L. 656¹
L & J Oil & Gas, Inc.	Fred McVey #1	560.5 660*W NEC	Mississippian 300'-500'	G.L. 666'
L & J Oil & Gas, Inc.	Fred McVey #2	560'S 660'E NWC SE NE	Mississippian 300'-500'	G.L. 657'
L & J Oil & Gas, Inc.	Fred McVey #3	Sec. 6 11N 14W 660'S 660'E NWC NE SE	Mississippian 300'-500'	G.L. 657'
Ashley 011 Co.	Samuel Spellbring #1	Sec. 6 11N 14W 660'N 660'W SEC NE	Mississippian 300'-500'	6.L. 658'
Huff Drig. Co., Inc.	@Biggs #36	Sec. / IIN 14W 660'S 660'E NWC NE SE	St. Louis 300'-350'	G.L. 648'
Huff Drig. Co., Inc.	Dol† Biggs #54	Sec. 9 IIN 14W 440'N 440'W SEC NW	St. Louis 310'-350'	G.L. 640'
Huff Drlg. Co., Inc.	Dol+ Biggs #55	440'N 440'E SWC SE NW	St. Louis 310'-350'	G.L. 646'
Huff Drig. Co., inc.	Doit Biggs #56	56C. 9 IIN 14W 440'S 440'E NWC SE NW	St. Louis 310'-350'	G.L. 624'
Huff Drig. Co., inc.	Dolt Biggs #57	26C. 9 IIN 14W 440'S 440'W NEC SE NW	St. Louis 310'-350'	G.L. 650'
Huff Drig. Co., Inc.	Blggs #67	440*N440*W SEC SW NW	St. Louis 330'-350'	G.L. 649'
Huff Drig. Co., Inc.	Biggs #68	440'S 440'E NWC SW NW	St. Louls 330'-350'	6.1. 651'
Huff Drig. Co., inc.	Blggs #69	440'N 440'E SWC NW	St. Louis 330'-350'	6.1. 651'
Huff Drlg. ∞., Inc.	Biggs #70	440'S 440'W NEC SW NW	St. Louis 330'-350'	G.L. 650'
Huff Drig. Co., inc.	Blggs #80	Sec. 9 IIN 14W 440'N 440'W SEC NW NE Sec. 9 IIN 14W	St. Louis 330'-350'	G.L.644°
				-

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
CLARK COUNTY(contd.)				
Huff Drig. Co., inc.	B1ggs #81	440'N 440'E SWC NW NE	St. Louis 330'-350'	G.L. 630°
Huff Drig. Co., inc.	B1ggs #82	Sec. 9 IIN 14W 440'S 440'E NWC NE	St. Louis 330'-350'	G.L. 631'
Huff Drig. Co., Inc.	Biggs #83	Sec. 9 11N 14W 440'S 440'W NEC NW NE	St. Louis 330'-350'	G.L. 642'
Huff Drig. Co., inc.	Blggs #85	Sec. 9 IIN 14W 0'N 660'W SEc SE NE	St. Louis 330'-350'	G.L. 645'
Huff Drig. ∞., inc.	Biggs #91	Sec. 9 IIN 14W 660'S 660'E NWC SE NE	St. Louis 330'-350'	G.L. 640'
Huff Drig. Co., inc.	B1ggs #97	0'N 660'W SEC NE NE	St. Louis 330'-350'	G.L. 644'
Huff Drig. Co., inc.	Biggs #103	Sec. 9 IIN 14W 660'S 660'W NEC	St. Louis 330'-350'	G.L. 645'
Huff Drig. Co., inc.	Gasaway #10	440'S 440'W NEC NW NW	St. Louis 310'-400'	G.L. 647'
Huff Drig. Co., inc.	Gasaway #11	29C. 9 IIN 14W 440'N 440'W SEC NW NW	St. Louis 310'-400'	G.L. 646'
Huff Drig. Co., inc.	Gasaway #12	440'N 440'E SWC NW NW	St. Louis 310'-400'	G.L. 649'
Huff Drig. Co., inc.	Gasaway #13	440'S 440'E NWC	St. Louis 310'-400'	G.L. 648'
John T. Ryan	Charles Gilbert #1	350'N 220'E SWC NW SE NW	Pennsylvania 310'-325'	G.L. 610'
Dwight Sidwell	Wilhoit Heirs #1	Sec. 12 IIN 14W 660'S 660'E NWC SW NW	Pennsylvania 320'-349'	G.L. 664'
Dwight Sidwell	Wilhoit Heirs #1-B	440'S 440'E NWC SE NW	Pennsylvania 330'-350'	G.L. 644'
Dwight Sidwell	Wilhoit Heirs #2	Sec. 16 IIN 14W 440'S 440'E NWC SW NW	Pennsylvania 300'-350'	G.L. 666'
Dwight Sidwell	Wilhoit Heirs #3	440'N 440'W SEC SW NW	Pennsylvania 330'-350'	G.L.668'
Dwight Sidwell	Wilhoit Heirs #4	Sec. 15 IIN 14W 440'S 440'W NEC SW NW Sec. 16 IIN 14W	Pennsylvania 330'-350'	3.L. 664'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
CLARK COUNTY(contd.)				
Dwight Sidwell	Wilhoit Heirs #5	440'N 440'E SWC NW	Penn, 330'-350'	G.L. 668'
Alexander Peters Jr.	Huisinga #i-PW	Sec. 16 11N 14W 440'S 440'W NEC SE NE	Casey 290'-400'	G.L. 654'
Triple S Oil Producers, Inc.	Huisinga #3-D	59C. 17 IIN 14W 495'N 660'E SWC SE SE	Mississippian 335'-535'	G.L. 652'
Triple S Oil Producers, Inc.	Huisinga #6-D	825'N 660'E SWC SE SE	Mississippian 290'-430'	G.L. 651'
Redman Production Co.	Ohme #1	560'S 0'W NEC SW	St. Louis 290'-315'	G.L. 648'
Samuel Murphy	Cross #1	Sec. 18 11N 14W 660'S 535'W NEC SW Sec. 29 12N 14W	Mississippian 480'-530'	G.L. 746°
CLAY COUNTY				
Estate of John M. Zanetis	*H. C. GIII #2	330'N 330'E SWC SE SW	Aux Vases 2920-2928	G.L. 420'
Estate of John M. Zanetis	*Ki+ley #B-I	330°S 330°W NEC	Aux Vases 2954*-2960*	G.L. 418°
Estate of John M. Zanetis	*Kitley #B-2	990'S 330'E NWC NE NE	McLiosky 5035'-5070' Aux Vases 2956'-3006'	G.L. 417'
Gator Oil Co.	*Dunahee #1	Sec. 10 ZN /E 330'N 330'E SWC NE	Benoist 2800'-2810'	G.L. 457'
Union Oil Co. of California	*Oscar Poppe #7	363'N 350'E SWC NW NW	Aux Vases 28851-29181	G.L. 431'
Triple "B" OII Producers, Inc.	*Lazaretti #3	990'N 330'W SEC NE NW	Aux Vases 2853'-2900'	G.L. 438'
Stanley M. Kincaid	*U. S. Bland #5	330*N330*E SWc NE NE	Cypress 2602-2622'	G.L. 463'
Fryburger Production Co., Inc.	*Lybarger #1	38C: 23 4N 7E 480'N 360'E SWC NW NW	McClosky 3007'-3011'	G.L. 452'
E.S. Investments, Inc.	*Johnny Brown #1	330'N 330'E SWC NE NE	Rosiclare 3014'-3024'	G.L. 439'
E.S. Investments, Inc.	*Cooper #1	Sec. 32 4N RE 330'S 330'W NEC NW NE Sec. 32 4N 8E	Rosiclare 3020'-3024'	G.L. 438°

OPERATOR	WELL NAME	LOCATION	FORMATION	ELEVATION
	(*=Converted) (@=Amended)			
CLAY COUNTY(Contd.)				
McCollum & Kincald	*E. Hall-Carla Kelley #I	330*N 330*W SEC NE SW Sec. 15 5N 7F	Cypress 2502'-2521'	G.L. 515'
Charles H. Stephens	*Harry Ray Bryant #2	390'N 330'W SEC NW SE Sec. 30 5N 8E	Cypress 2576'-2584'	G.L. 492'
COLES COUNTY				
Terco/Illinois, J.V.	*Bresee #3	2310'N 990'W SEc Sec, 15 11N 7E	Carper 2943'-3044'	G.L. 662'
CRAWFORD COUNTY				
Charles J. Michelsen	*Wilfred Maxwell #1	660'N 330'W SEC NW SE	Robinson 978'-1018'	G.L. 543'
Central III. Petroleum Corp.	K. E. Newell Jr. #1	100'N 660'E SWC SE NW Fr Sec 18 5N IIW	Robinson 920'-1100'	G.L. 507
Energy Resources of Indiana, Inc	R. Hoke Acct, 11 #1W-6	660'N 1320'E SWC NE SW	Robinson 870'-890'	G.L. 416†
Energy Resources of Indiana, Inc	R. Hoke Acct. 11 #KW-6	660'N 10'W SEC NW SE Sec 7 5N 12W	Robinson 870'-890'	G.L. 453¹
Energy Resources of Indiana, Inc	R. Hoke Acct. 11 #GW-7	10'N 10'E SWC NE SW	Robinson 870'-890'	6.1. 5111
Energy Resources of Indiana, Inc	R. Hoke Acct. 11 #HW-7	10'N 660'E SWC NE SW	Robinsion 870'-890'	G.L. 402'
Energy Resources of Indiana, Inc	R. Hoke Acct. 11 #1W-7	10'N 1320'E SWc NE SW	Robinson 870'-890'	G.L. 400'
Energy Resources of Indiana, Inc	R. Hoke Acct. 11 #JW-7	10'N 660'E SWC NW SE	Robinson 870'-890'	G.L. 426'
Energy Resources of Indiana, Inc	R. Hoke Acct. II #KW-7	10'N 10'W SEC NW SE	Robinson 870'-890'	G.L. 435'
Energy Resources of Indiana, Inc	*R. Hoke 1-A-#JW-8	660'N 692'E SWC SE	Robinson 1020'-1026'	G.L. 518°
Fair-Rite Products Corp.	Clark #3	Sec. 1 2N 12W 6601S 101E NWC NE NW Sec. 9 5N 12W	Penn, 865'-975'	G.L. 526'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(Contd.)				
Ouabache Oil & Gas, Inc.	Bomer LW #259	660'S 660'E NWC NE	Robinson 980'-1000'	G.L. 480'
Ouabache Oil & Gas, Inc.	Bomer LW #262	Sec. 2 6N 13W 660'S 0'W NEC NW NE	Robinson 980'-1000'	G.L. 480'
Ouabache Oil & Gas, Inc.	Bomer LW #263	Sec. 2 6N 13W 0'N 0'W SEC NW NE	Robinson 980'-1000'	G.L. 500'
Ouabache Oil & Gas, Inc.	Bomer LW #264	Sec. 2 6N 13W 660'N 0'E SWC SE NE	Robinson 980'-1000'	G.L. 5111
Ouabache Oil & Gas, Inc.	Bomer LW #265	Sec. 2 6N 13W 660'N 660'W SEC NE	Robinson 980'-1000'	G.L. 502'
Ouabache Oil & Gas, Inc.	Bomer LW #266	Sec. Z 6N 13W O'N 660'W SEC NE NE	Robinson 980'-1000'	G.L. 490'
Ouabache Oil & Gas, Inc.	Bomer LW #267	Sec. 2 6N 13W 660'S 660'W NEC	Robinson 950'-1000'	G.L. 510'
Crete Oil Investments, Inc.	Aten [1] #1	Sec. 2 6N 15W 670'N 683'WSEC NW	Robinson 900'-1000'	G.L. 481'
Crete Oil Investments, Inc.	Aten 111 #2	56c, 7 on 15w 670'N SEc NW	Robinson 900'-1000'	G.L. 485°
Crete Oil Investments, Inc.	Aten 111 #3	1340°N SEC NW	Robinson 900'-1000'	G.L. 487'
Crete Oil Investments, Inc.	Aten 111 #4	56C. / 6N 15W 683 W NEC SE NW	Robinson 900'-1000'	G.L. 487'
Crete Oil Investments, Inc.	Aten IV #3	675'S 674'E NWC SE	Robinson 900'-1000'	G.L. 4811
Crete Oil Investments, Inc.	Aten IV #4	56c. / 6N 15W 40'S 674'E NWC SE	Robinson 900'-1000'	G.L. 483'
Crete Oil Investments, Inc.	Aten 1V West #1	5ec. / 6N 15W 675'S 683'W NEC SW	Robinson 900'-1000'	G.L. 482*
Crete Oil Investments, Inc.	Aten IV West #2	Sec. 7 6N 15W 677'S NEC SW	Robinson 900'-1000'	G.L. 482'
Crete Oil Investments, Inc.	Aten IV West #5	40'S NEC SW	Robinson 900'-1000'	G.L. 484'
Crete Oil investments, inc.	Aten IV West #6	20. 7 6N 15W 40'S,683'W NEC SW Sec. 7 6N 13W	Robinson 900'-1000'	G.L. 479'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(Contd.)				
Christa Oil Co.	Becktell #LW-200	660'S O'E NWC NE NW	Robinson 965'-980'	G.L. 480¹
Christa Oil Co.	Becktell #LW-201	Sec. 11 6N 13W 660'S 660'E NWC NE NW	Robinson 965'-980'	G.L. 487'
Christa 011 Co.	Becktell-Meese #LW-232	Sec. 11 6N 13W 660'S 0'W NEC NW	Robinson 965'-980'	6.1. 5031
Christa Oil ∞。	Meese #LW-203	Sec. II 6N I3W 660'S 660'E NWC NE	Robinson 965'-980'	G.L. 510'
Christa Oil Co.	Meese #LW-204	Sec. II 6N I3W 660'S NEC NW NE	Robinson 965'-980'	G.L. 505'
Christa Oll Co.	Meese #LW-205	Sec. 11 6N 13W 660'S 660'W NEC	Robinson 965'~980'	G.L. 490'
Christa Oil ∞.	Becktell #LW-206	Sec. II 6N I3W O'S O'E NWC SE NW	Robinson 965'-980'	G.L. 485'
Christa 011 Co.	Becktell #LW-207	Sec. 11 6N 13W 0'S 660'E NWC SE NW	Robinson 965'-980'	G.L. 494'
Christa 011 Co.	Becktell-Meese #LW-208	Sec. 11 6N 13W 0'S 0'W NEC SE NW	Robinson 965'-980'	G.L. 501'
Christa Oil Co.	Meese #LW-209	Sec. 11 6N 13W 0'N 660'E SWC NW NE	Robinson 965'-980'	G.L. 502'
Christa 011 Co.	Meese #LW-210	Sec. II 6N I3W O'N O'E SWC NENE	Robinson 965'-980'	G.L. 495'
Christa 011 Co.	Meese #LW-211	Sec. 11 6N 13W 0'N 660'W SEC NE NE	Robinson 965'-980'	6.1. 501'
Christa Oil Co.	Becktell #LW-212	Sec. 11 6N 13W 650'N 660'E SWC SW NW	Robinson 965'-980'	G.L. 492'
Christa Oil Co.	Becktell #LW-213	Sec. 11 6N 15W 660'S 660'E NWc SE NW	Robinson 965'-980'	G.L. 490'
Christa 011 ∞.	Becktell #LW-214	Sec. II 6N 13W 660'N 0'E SWC SE NW	Robinson 965'-980'	G.L. 497'
Christa OII ∞.	Beckfell-Meese #LW-215	Sec. 11 6N 13W 660'N 0'W SEC NW	Robinson 965'-980'	G.L. 485°
Christa 011 Co.	Meese #LW-216	Sec. 11 on 13W 660'N 660'E SWC NE Sec. 11 6N 13W	Robinson 965'~980'	G.L. 485'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(Contd.)				
Christa Oil Co.	Meese #LW-217	660'N 0'W SEC SW NE	Robinson 965'-985'	G.L. 485°
Christa Oil ∞.	Meese #LW-218	660*N 660*W SEC NE	Robinson 965'-980'	G.L. 501
Christa Oil Co.	Becktell-Utterback #LW-219	01N 660'E SWC NW	Robinson 965'-980'	G.L. 491'
Christa Oil Co.	Becktell-Utterback #LW-220	01N 01E SWC SE NW	Robinson 965'-980'	G.L. 5011
Christa OII Co.	Becktell-Utterback #LW-221	0'N 660'E SWC SE NW	Robinson 9651-9801	G.L. 4891
Christa Oil ⊘.	Becktell-Meese-Utterback #LW-222	Sec. 11 6N 13W 0'N 10'E SWC NE	Robinson 965'-980'	G.L. 502'
Christa Oil Co.	Meese-Utterback #LW-223	Sec. 11 6N 15W 0'N 660'E SWC NE	Robinson 965'-980'	G.L. 495'
Christa Oil Co.	Meese-Utterback #LW-224	O'N O'W SEC SW NE	Robinson 965'-980'	G.L. 502'
Christa Oil Co.	Meese-Utterback #LW-225	0'N 660'W SEC NE	Robinson 965'-980'	G.L. 503'
Christa 011 Co.	Utterback #LW-226	Sec. 11 6N 15W 660'S O'E NWC SE	Robinson 965'-980'	G.L. 504'
Christa Oil Co.	Utterback #LW-227	660'S 660'E NWC SE	Robinson 965'-980'	G.L. 498¹
Christa Oil Co.	Utterback #LW-228	560'S 0'W NEC NW SE	Robinson 965'-980'	G.L. 492'
Christa Oil Co.	Utterback #LW-229	Sec. 11 bN 13W 660'S 660'E NWC NE SE	Robinson 965'-980'	G.L. 500'
Christa Oil Co.	Uttertack #LW-230	Sec. 11 6N 15W 660'S 0'W NEC SE	Robinson 9651-9801	6.L. 506'
Christa Oil ⊘.	Utterback #LW-231	Sec. 11 6N 13W O'N O'E SWC NW SE	Robinson 965''-980'	6.1. 500'
Christa Oil Co.	Utterback #LW-232	Sec. 11 6N 15W 0'N 660'E SWC NW SE	Robinson 965'-980'	G.L. 5001
Christa Oil Co.	U†terback ⊭LW−233	Sec. II bu 15# 0'n 0'w Sec NW SE Sec. II 6N 13#	Robinson 965'-980'	6.1.500'

WATER INPUT PERMITS ISSUED IN 1985

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(Contd.)			-	
Marathon 011 Co.	L. T. Stewart Etal #U-17	35'N 10'E SWC SE SW	Robinson 910'-950'	G.L. 502'
Marathon Oil Co.	L. T. Stewart Etal #V-17	50'N 660'W SEC SW	Robinson 910'-950'	6.1. 513'
Marathon Oil Co.	J. C. Lackey #FW-2	660'N 10'W SEC SW NW	Robinson 910'-950'	6.L. 522¹
Marathon 011 Co.	H. D. Morrison #GW-3	50'N 660'E SWC SE NW	Robinson 910'-950'	6.L. 517'
Marathon Oil Co.	J. A. Smith #GW-4	56C, 24 bN 15W 660'S 660'W NEC SW	Robinson 910'-950'	6.1. 512'
Marathon Oil Co.	J. A. Smith #HW-5	20'N 20'W SEC NE SW	Robinson 910'-950'	6.1. 506'
Marathon Oil Co.	J. A. Smith #GW-6	560'N 660'W SEC SW	Robinson 910'-950'	G.L. 505'
Marathon 011 Co.	*H. Weirich #GM-10	574'N 589'E SWC SW NW	Robinson 832'-873'	G.L. 474'
Marathon 011 Co.	*C. H. Dyar #CM-9	30'N 660'E SWC NE NE	Roblinson 850'-875'	G.L. 507'
Marathon 011 Co.	*Emma Fry A/C   #CW-11	195'S 715'E NWC NE SE	Robinson 894'-926'	G.L. 490'
Marathon 011 Co.	*S. Weirich #BW-10	441'N 1090'W SEC NE	Robinson 900'-943'	G.L. 486'
Harathon 011 Co.	J. H. Wright #ZW-IOA	630'S 110'W NEC SE NW	Robinson 910'-950'	6.1. 510'
Marathon Oil Co.	J. W. Dennis #JW-14A	87'S 700'W NEC SW SW	Robinson 900'-950'	G.L. 468'
Christa Oil Co.	Rosbarough #1	56C' Z' 5N 15W 66O'N 66O'E SWC	Robinson 980'-1000'	G.L. 477'
Christa Oil Co.	George L. Athey #LW-3	Sec. 52 bN 15W 660'S 660'E NWC	Robinson 950'-960'	G.L. 540'
Christa Oil Co.	George L. Athey #LW-4	30'S 660'E NWC	Robinson 950'-960'	G.L. 540'
Christa Oil Co.	George L. Athey #LW-5	Sec. 6 /N LZW 660'S O'W NEC NW NW Sec. 6 7N LZW	Robinson 950'-960'	G.L. 545'

WELL NAME (*=Converted) (@=Amended)

OPERATOR	WELL NAME (@=Amended)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(Contd.)				
Triple "B" Oil Producers, Inc.	*West Meserve #13	6401N 2101W SEC NW SW	Robinson 1055'-1087'	G.L. 582'
Triple "B" Oil Producers, Inc.	*West Meserve #14	10'N 20'W SEC NW NW	Robinson 1060'-1090'	G.L. 580'
Triple "B" Oil Producers, Inc.	*West Meserve #20	490'N 190'E SWC SE NW	Robinson 1056'-1096'	G.L. 583'
Triple "B" 011 Producers, Inc.	*West Meserve #22	370'S 250'E NWC SE NW	Robinson 1060'-1084'	G.L. 583'
Charles J. Michelsen	D. Newell #1	660'S 660'E NWC NW NE	Robinson 1050'-1060'	6.1. 576'
Warren Diliman	Ermal King #1	560'N 660'W SEC	Robinson 971'-982'	G.L. 500¹
Marathon 011 Co.	Noah Reed #L-9	Sec. 2 /N 15W 71'N 660'W SEC SW SW	Robinson 910'-950'	6.L. 511'
Marathon Oil Co.	0. B. Reed #M-6	560'S 10'W NEC NW SW	Robinson 910'-950'	G.L. 503'
Marathon 011 Co.	0. B. Reed #L-7	10'N 660'W SEC NW SW	Robinson 910'-950'	6.1. 5111
Marathon 011 Co.	*Reed Unl† #2-#L-6	560'S 660'W NEC NW SW	Robinson 880'-1000'	G.L. 506'
Larry C. Neely	T. W. Randolph #1	560*N 660*W SEC NE SE	Robinson 930'-980'	G.L. 538'
Triple "B" Oll Producers, inc.	*Darrough #10	330'N 330'E SWc SE SE	Robinson 930'-992'	6.1. 519'
Larry C. Neely	T. W. Randolph #2	560'N 1320'W SEC NW SW	Robinson 930'-980'	G.L. 537'
Larry C. Neely	T. W. Randolph #3	560'N 660'W SEC NW SW	Robinson 950'-1000'	G.L. 520'
Christa Oil Co.	Walters-Wexler #1	660'S I'E NWC NE NW	Robinson 930'-1000'	G.L. 5311
Ouabache 011 & Gas, Inc.	Walters-Wexler #2	56C'S 66O'W NEC NW	Robinson 980'-1000'	G.L. 534'
Quabache 011 & Gas, Inc.	Walters-Wexler #3	Sec. 10 /N 13W 660'S 20'W NEC NW Sec. 10 7N 13W	Robinson 980'-1000'	G.L. 532'

OPERATOR	WELL NAME (*=Converted) (0=Amended)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY(Contd.)				
John 0. Cross & Don Lachenmayr	Dale Hale-Bill Martin #1	660"S 0"W NWC NE NE	Robinson 994'-1000'	6.1. 520'
Christa 011 Co.	Drummond #DW-2	Sec. 12 7N 13W 30'N 660'E SWC SW NW	Robinson 950'-1000'	G.L. 524'
Donald & Sue Bertram	E. D. Wall #3	560'S 660'E NWC	Robinson 969'-985'	G.L. 527'
Marathon Oil Co.	J. G. McKnight A/C I #K-16	56C 15 N 15W 66O'N 131O'W SEC SW SW	Robinson 910'-950'	G.L. 505'
Marathon OII Co.	*J. G. McKnight A/C I #L-16	560 N 660 W SEC SW SW	Robinson 870'-1000'	G.L. 504'
Marathon Oli Co.	J. G. McKnight A/C I #L-17	10'N 660'E SWC	Robinson 910'-950'	G.L. 504'
Marathon Oil Co.,	*Saxton Unlt #R-7	540'S 630'E NWC NE	Robinson 900'-1000'	G.L. 520'
Marathon 011 Co.	J. Wilkin #S-7	56C. 17 /N 15W 66O'S 10'E NWC NE NE	Robinson 910'-950'	G.L. 525°
Marathon Oil Co.	*L. C. & J.H. WIIKIn #L-12	584'S 650'E NWC SW NW	Robinson 850'-1000'	G.L. 514'
Marathon Oll Co.	J. G. McKnight A/C i #J-17	10'N 660'W SEC	Robinson 910'-950'	G.L. 500'
Marathon Oil Co.	M. H. Arnold #G-18	56C. 18 /N 13W 660'S 1310'W NEC	Robinson 910'-950'	G.L. 491'
Marathon Oil Co.	C. B. Mouser #F-21	30'S 660'E NWC SE	Robinson 875'-1000'	G.L. 497'
Marathon Oil Co.	C. B. Mouser #G-25	30'N 30'W SEC SW SE	Robinson 875'-1000'	G.L. 501'
Marathon Oil Co.	Carl Dart #3 L-23	Sec. 19 /N 13W 74'S 660'W NEC SW SW	Robinson 910'-950'	G.L. 503'
Marathon Oil Co.	M. A. Thornton #M-18	56C 20 7N 13M 66O'S 34'E NWC NE NW	Robinson 910'-950'	G.L. 507'
Christa Oil Co.	Dart-Salesman #LW-50	5ec. 20 /N 15W 495 N 660 W SEC	Robinson 900'-980'	G.L. 523'
Christa Oil Co.	Dart-Salesman #LW-60	Sec. 23 /N 13W 660'S 5'W NEC SE SE Sec. 23 7N 13W	Robinson 900'-980'	6.1. 531'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION	1 1
CRAWFORD COUNTY '					
Christa Oil Company	J. BOYD #LW-70	5'S 660'W NEC SW SW	Robinson 900'-980'	G.L. 532'	
Christa Oil Company	Kirk-Hamilton #LW-100	660'S O'W NEC SW NE	Robinson 900'-980'	G.L. 519'	
Christa Oil Company	Stephens-Walters-Hamiiton #LW-101	650'N 650'E SWC NE NE	Robinson 900'-980'	6.1. 529'	
Christa Oil Company	Wat+s #LW-80	56C 20 /N 10W 66O'S O'E NWC SW NE	Robinson 900'-980'	G.L. 530'	
Christa Oil Company	Watts-Hamilton-Kirk #LW-90	660 N 660 E SWC NE	Robinson 900'-980'	6.1. 520'	
Christa Oil Company	Barnes #BW-1	56C*N 0'E SWC SE	Robinosn 900'-940'	6.1. 512'	
Ouabache Oil & Gas, Inc.	Barnes #LW-1	660'N 659'E SWC SE	Robinson 900'-940'	G.L. 514'	
Ouabache Oil & Gas, Inc.	Barnes #BW-2	0'N 0'E SWC SE	Robinson 900'-940'	6.1. 512"	
Ouabache Oil & Gas, Inc.	Mary McLain Fee #MW-1	660'N 1'E SWC SE SE	Robinson 980'-1000'	G.L. 522*	
Ouabache Oil & Gas, Inc.	Mary McLain Fee #LW-2	1'N 659'W SEC SW SE	Robinson 980'-1000'	G.L. 517'	
Ouabache Oil & Gas, inc.	Mary McLain Fee #MW-2	Sec. 26 /N 15W 660'N 660'W SEC	Robinson 980'-1000'	6.1. 522'	
Ouabache Oii & Gas, Inc.	Mary McLain Fee #MW-3	1'N 660'W SEC	Robinson 980'-1000'	G.L. 519*	
Ouabache OII & Gas, Inc.	Mary McLain Fee #MW-4	1'N 1'E SWC SE SE	Robinson 980'-1000'	G.L. 520'	
Larry C. Neely	Sherrill WI #1	660'N 660'W SWC SE NW	Robinson 930'-960'	G.L. 502'	
Larry C. Neely	Sherrill WI #2	0'N 660'W SEC NW	Robinson 930'-960'	G.L. 502'	
Larry C. Neely	Sherriil WI #3	660'S 660'W NEC SW	Robinson 930'-960'	G.L. 505'	
Larry C. Neely	Sherrill WI #4	Sec. 26 7N 13W	Robinson 930'-960'	G.L., 504"	
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OPERATOR	WELL NAME	LOCATION	FORMATION	ELEVATION
CRAWF ORD COUNTY				
Larry C. Neely	Sherriii WI #5	660'N 660'W SEC SW NE	Robinson 930'-960'	G.L. 506'
Curtis Ross	Mary & Jim Caywood #Wi-1	Sec. 26 7N 13W 660'N 660'W SEc SW	Robinson 850'-930'	1 4861
Surt is Ross	Mary A Lie Cavacon #W -x	Sec. 33 7N 13W		
		Sec. 33 7N 13W	.006008 IIISQII 800.	٥.١. 48/
Larry C. Neely	A.P. Woodworth #S-13	01N 301E SWC NE	Robinson 900'-930'	G.L. 485°
Ouabache Oil & Gas, Inc.	Barnes #BW-3	660°S 0°W NEC NW	Robinson 900'-940'	6.1. 510'
Ouabache Oil & Gas, Inc.	Barnes #BW-4	O'N 660'W SEC NE NW	Robinson 900'-940'	G.L. 502'
Ouabache Oil & Gas, Inc.	Barnes #BW-5	0*N 0*W SEC NE NW	Robinson 900'-940'	6.L. 510'
		Sec. 35 &N 13W		
Ouabache Oil & Gas, Inc.	Barnes #8W-6	660'S 660'W NEC SE NW	Robinson 900'-940'	G.L. 503'
Ouabache Oil & Gas, Inc.	Barnes #BW-7	660'S 0'W NEC SE NW	Robinson 900'-940'	G.L. 505'
Ouabache Oil & Gas, Inc.	Barnes #BW-8	10*N 660*W SEC NW	Robinson 900'-940'	6.1. 502'
Ouabache Oil & Gas, Inc.	Barnes #BW-9	10'N 0'W SEC NW	Robinson 900'-940'	G.L. 504'
Ouabache Oil & Gas, Inc.	Barnes #LW-3	Sec. 35 7N 13W 660'S 659'E NWC NE	Robinson 900'-940'	G.L. 512'
Ouabache Oil & Gas, Inc.	Barnes #LW-5	Sec. 35 7N 13W 660'S 0'E NWC SE NW	Robinson 900'-940'	6.1. 500*
Ouabache Oil & Gas, Inc.	Firebaugh #FW-1	Sec. 35 7N 13W 660'S 660'W NEC NW SW	Robinson 980'-1000'	G.L. 500¹
Ouabache Oil & Gas, Inc.	Firebaugh #FW-2	Sec. 35 7N 13W 660'N 0'W SEC NW SW	Robinson 980'-1000'	6.1. 503'
Ouabache Oil & Gas, Inc.	Firebaugh #FW-3	Sec. 35 7N 13W 0'N 0'E SWC NE SW	Robinson 980'-1000'	G.L. 502"
Ouabache Oil & Gas, Inc.	Firebaugh #FW-4	Sec. 35 7N 13W 0'N 660'E SWc NW SW	Robinson 980'-1000'	G.L. 498'
		Sec. 35 7N 13W		2

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY				
Ouabache Oll & Gas, inc.	Firebaugh #FW-5	660'N 660'E SWC	Robinson 980'-1000'	G.L. 502'
Ouabache Oil & Gas, Inc.	Firebaugh #FW-6	660'N O'E SWC SE SW	Robinson 980'-1000'	G.L. 503'
Ouabache Oll & Gas, Inc.	Firebaugh #LW-8	660'S 680'W NEC NE SW	Robinson 980'-1000'	6.1. 502'
Ouabache Oil & Gas, Inc.	Firebaugh #LW-9	01N 6801W WEC NE SW	Robinson 980'-1000'	G.L. 503'
Ouabache Oll & Gas, Inc.	Firebaugh #LW-10	660'N 680'W SEC SE SW	Robinson 980'-1000'	6.1. 503'
Ouabache Oil & Gas, inc.	Firebaugh #LW-11	01N 351E SWC NW SW	Robinson 980'-1000'	G.L. 490'
Ouabache Oil & Gas, Inc.	Firebaugh #LW-12	660'N 35'E SWC	Robinson 980'-1000'	G.L. 490°
Ouabache Oli & Gas, Inc.	Mary McLain Fee #LW-4	1*N 660*W SEC NW NE	Robinson 980'-1000'	G.L. 515°
Ouabache Oil & Gas, Inc.	Mary McLain Fee #NW-5	660'S 1'E NWC NE NE	Robinson 980'-1000'	G.L. 514'
Ouabache OII & Gas, Inc.	Mary McLain Fee #MW-6	660'S 660'E NWC NE NE	Robinson 980'-1000'	G.L. 514'
Ouabache Oil & Gas, inc.	Mary Mclain Fee #MW-7	0'N 660'W SEC NE NE	Robinson 980'-1000'	G.L. 500'
Ouabache Oli & Gas, Inc.	Mary McLain Fee #MW-8	1'N 1'E SWC NE NE	Robinson 980'-1000'	G.L. 501 <sup>†</sup>
Ouabache Oil & Gas, Inc.	Mary McLain Fee #MW-8A	100'S O'E NWC SE NE	Robinson 980'-1000'	G.L. 510°
Triple "B" Oll Prod., Inc.	*S.L. Firebaugh #7	675'N 186'E SWC SE NE	Robinson 850'-1002'	G.L. 520'
Triple "B" Oil Prod., Inc.	*S.L. Firebaugh #19	210'N 234'E SWC SE NE	Robinson 850'-1002'	G.L. 523'
Jack Criswell	Paul E. Keenan #FW-6	25'N 25'W SEC NW SE	Robinson 960'-985'	6.1. 560'
Jack Criswell	Guyer Brothers #W1-1	551'S 186'W NEC SW	Robinson 960'-982'	G.L. 553'
Christa Oil Company	R. Chapman #CW-6	39C. 19 ON 128 1015 6601E NWC NE Sec. 20 8N 12W	Robinson 980'-1000'	G.L. 573!

OPERATOR	WELL NAME (**Converted) (@*Amended)	LOCATION	FORMATION	ELEVATION
CRAWFORD COUNTY				
Marathon Oil Company	K. Swope #K-12	10'S 660'E NWC SE SE	Robinson 975'-1000'	G.L. 564'
Marathon Oil Company	F.W. Lewis #K-15	730'S 660'W NEC	Robinson 975'-1000'	G.L. 563'
Marathon Oil Company	F.W. Lewis #L-14	45'S 70'E NWC	Robinson 975'-1000'	G.L. 571'
Puntney Engineering, Inc.	Shonk Unit #2-WI	Sec. 32 8N 12W 660'N 660'W SEC SW	Robinson 910'-975'	G.L. 519'
Puntney Engineering, Inc.	Shonk Unit #3-WI	660'N 660'E SWC	Robinson 910'-975'	G.L. 546¹
Puntney Engineering, inc.	Shonk Unit #4-WI	660'S 660'E NWC	Robinson 910'-975'	G.L. 544'
Crete Oii Investments, Inc.	M. Henry #WI-1	Sec. 30 dN 13m 40'S 0'E NWC SE NE Sec. 14 8N 14W	Robinson 604'-830'	G.L. 542'
CUMBERLAND COUNTY				
Gerald Earl Simonton	Eizie McVey #2-A	220°N 440°W SEC NE SW SE	Pennsylvanian 400'-460'	G.L. 608'
Gerald Earl Simonton	Elzie McVey #1-A	220'S 440'W SEC NE SW SE Sec. 2 10N 10E	Pennsylvanian 400'-460'	6.L. 609¹
EDWARDS COUNTY				
H & H OII Company, Inc.	*Allen Hedrick #2-WI	330 N 330 E SWC SW NW	Benoist 2847'-2851'	G.L. 456'
RK Petroleum Corporation	Village Creek Unit #W-1	330'N 330'W SEC NE SE	0'Hara 3310'-3315'	G.L. 467'
McDowell Brothers Oil Co.	*Don Broster #1-W!	330'S 330'E NWC Frac. NE	Benoist 2912'-2919'	G.L. 450'
McDowell Brothers Oil Co.	*Don Broster #5-WI	330'S 330'E NWC NE NW	Benoist #2912'-2926'	G.L. 430'
Maybe Oil, Inc.	*Milton Wood #3	330'N 941'E SWC SW 500 18 25 14W	Biehl 1840'-1860'	G.L. 418°
Ring Oil Company	*R.M. Johnson #4-WI	350'S 350'E NWC NE Sec. 34 25 14W	Waltersburg 2196'-2800'	G.L. 429!

ELEVATION		121	. 45	181		171	. 70	121	. 50	. 4.	15,	1 40	,90	12,	* 4 *	0,	121	
ELE		G.L. 592'	G.L. 534'	G.L. 588'	G.L. 5911	G.L. 587'	G.L. 594'	G.L. 595'	G.L. 594'	G.L. 594'	G.L. 605'	G.L. 604'	G.L. 606'	6.L. 572'	G.L. 624'	G.L. 610'	6.1. 602	G.L. 598'
FORMATION		Chester Series 1400'-1800'	Chester Series 1400'-1800'	Chester Series 1400'-1800'	Chester Series 1400-1800'	Paint Creek 1569'-1580'	Benoist 1390'-1397' Weiler(Cypress) 1540'-1570'	Weiler(Cypress) 1540'-1570'	Weller(Cypress) 1540'-1570'	Weller(Cypress) 1540'-1570'	Cypress 1540'-1620' Paint Creek 1630'-1640' Bethel 1650'	1529'-1608'	Chester Series 1400'-1800'	Chester Series 1400'-1800'	Bethel 1510'-1640' Weller	_	Chester Series 1400'-1800'	Chester Series 1400'-1800'
LOCATION		350'N 350'E SWC SE SW	120'S 60'W NEC SE SW	350'N 350'E SWC SE	330'S 330'W NEC SE SW	990'N 990'W SEC	Sec. 18 7N 3E 330'N 1050'E SWC	Sec. 20 7N 3E 478'N 1204'E SWC	Sec. 20 7N 3E 330'N 1346'E SWC	182'N 1204'E SWC	Sec. 20 /N 3E 2057'S 645'E NWC SW NE Sec. 20 7N 3E	545'S 825'W NEC	52'S 50'W NEC SE NW	148*N 100*E SWC Fr. NW NW	55'S 110'W NEC NW SE	125'S 110'E NWC NE NE	20'S 50'W NEC NW	Sec. 12 8N 3E 20'S 70'E NWC NE NW Sec. 12 8N 3E
WELL NAME (*=Converted) (@=Amended)		Harvey Durbin #32	George Paslay #6	A. Miller #6	G. R. Owen #10	*Burtschi #3	R. F. Coddington #10	R. F. Coddington #11	R. F. Coddington #12	R. F. Coddington #13	Smith #11-W	M. J. Griffith #426-R	Guy Phillips #1-17	Bertha Allgood #2-17	eBob Fortner #10-18	@Jullan Hoiman #10-19	Exxon Fee "Q" #12-17	Exxon Fee "Q" #12-18
OPERATOR	FAYETTE COUNTY	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	M.S.C. Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	W. L. Belden Trust	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.	Exxon Corp.

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
FAYETTE COUNTY(contd.)				
Exxon Corp.	Clinton Miller #16-34	75'S 150'W NEC SE NE	Chester Series 1400'-1800'	G.L. 625†
Exxon Corp.	Ira Boles #21-20	3ec. 10 8N 3E 40'S 210'E NWC SW	Chester Series 1400'-1800'	G.L. 599'
Exxon Corp.	Ira Boles #21-21	20'N 20'W SEC SW SW	Chester Series 1400'-1800'	G.L. 545'
Exxon Corp.	Jennie Brauer #21-17	20'S 40'E NWC NE SE	Chester Series 1400'-1800'	G.L. 619'
Exxon Corp.	M. E. Hogan #21-18	1320'N 40'E SWC SE	Chester Series 1400'-1800'	G.L. 570¹
Exxon Corp.	M. E. Hogan #21-19	110'N 160'W SEC SW SE	Chester Series 1400'-1800'	G.L. 518'
Exxon Corp.	J. B. Drees #22-15	20'N 375'W SEC NW	Chester Series 1400'-1800'	73 6.L. 525'
Exxon Corp.	John Hogan #27-21	Sec. 22 8N 3E 1245'S 75'E NWC	Chester Series 1400'-1800'	6.L. 531!
Exxon Corp.	John Hogan #27-22	50'N 50'E SWC NW	Chester Series 1400'-1800'	G.L. 598¹
Exxon Corp.	@Mary Rhodes #27-18	Sec. 27 8N 3E 85'N 260'W SEC NW NE	Bethel 1595'-1640' Weller	G.L. 609'
Exxon Corp.	Mae Durbin #28-18	Sec. 27 8N 3E 35'N 130'E SWC NE NE	1480' Paint Creek 1545' Chester Series 1400'-1800'	G.L. 549'
Exxon Corp.	@Mabel Milis #28-17	Sec. 28 8N 3E 50'N 110'W SEC SW SW	Bethel 1578'-1640' Weller	G.L. 575¹
Exxon Corp.	Fred L. Brown #13	1270'S 740'W NEC	Chester Series 1400'-1800'	G.L. 607'
Exxon Corp.	J. H. Smith #5	Sec. 31 8N 3E 350'S 350'W NEC SW SE	Chester Series 1400'-1800'	G.L. 600°
Exxon Corp.	Goetting #17	Sec. 31 BN 3E 405'S 175'E NWC NE NW Sec. 32 8N 3E	Chester Series 1400'-1800'	G.L. 595°
FRANKL IN COUNTY				
Walter Duncan, Inc.	*U.S. Coal & Coke #1	330'S 330'W NEC NW NE Sec. 4 6S 3E	Cypress 2578'-2593'	G.L. 459'

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
FRANKLIN COUNTY (contd.)				
Gerber Energy Corp.	*C. W. & F. Coal Co. #1-F	300'N 380'W SEC NE Sec. I 7S 2E	Aux Vases 27091-27291	6.L. 401'
GALLATIN COUNTY				
Richard W. Beeson	Forrest Wood #1-2	660'S 660'W NEC SE NE	Penn. 530'-542'	6.L. 372¹
Richard W. Beeson	Forrest Wood #1-3	1'N 660'W SEC NE NE	Penn. 530'-542'	6.L. 376'
Joe Simpkins Oil Developments	*Len Downen #4	330'N 330'W SEC NW SW SE	Hardinsburg 23091-23181	G.L. 378'
Ashland Exploration, inc.	*Charles Moye #2	Sec. 1 83 9E 330'S 334'W NEC SW NE Sec. 15 8S 9E	Cypress 2499'-2509'	6.L. 371'
HAMILTON COUNTY				
Dwight Brehm Resources	*Mason #2	330'S 330'E NWC NE SE Sec. 10 4S 7E	Aux Vases 3264'-3278'	G.L. 374'
JASPER COUNTY				
Schel-Co Energy, Inc.	*Swisher #1-A	990'S 330'W NEC	McClosky 2973'-2978'	G.L. 546'
Estate of John M. Zanetis	*Kermicle-Payne #2	560'S 330'W NEC	Aux Vases 2822'-2832'	D.F. 505'
CB & M OII Co.	*Joe Hippier #1	350'S 330'W NEC SW SW Sec. 22 7N 10E	Cypress 2336'-2346'	G.L. 482'
JEFFERSON COUNTY				
Burrell G. Minor	*Tate-Byars Comm, #1	460'S 330'W NEC SW Sec. 26 IS 3E	Salem 3222'-3255'	6.1. 606"

L. A. Buchanan #LL-14  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  Warathon 0!1 Co.  J. R. King A/C I #RR-6  J. R. King A/C I #RR-8  J. R. King A/C I #RR-9  J. R. King A/C I #RR-8	6601S 501E NWE NE S60. 2 2N 12W 660.S 501W NEC NW S60. 2 2N 12W 3701N 3301W SEC SW NW 3501S 3501E; NW SEC SW NW 16501W 3301E; NW SEN NE S60. 2 3N 12W 16501W 3301E; NW SEN NE S60. 5 3N 12W 101'S 6601E NWC SW NE S60. 5 3N 12W S60. 5 3N 12W	Kirkwood 1580'-1620' Paint Creek 1670'-170' Kirkwood 1580'-1620' Paint Creek 1670'-1710' Paint Creek 1670'-1710' Paint 1506'-152' Rosiclare 1860'-1870' Cypress 1584'-1597' Bridgeport 959'-981' Bridgeport 800'-525' Kirkwood 370'-140'-140'-140'-140'-140'-140'-140'-14	6.L. 499' 6.L. 501' 6.L. 463' 6.L. 407' 6.L. 495' 6.L. 504'	75
	66015 501E NWC 1 2W 66015 501W NCC 1 2W 12W 66015 501W NCC 1 3701 3301W SCC 27 3W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Kirkwood 1580'-1620' Paint Creek 1670'-1710' Kirkwood 1580'-1620' Paint Creek 1670'-1710' Biehi 1506'-1512' Rosiciare 1860'-1870' Cypress 1584'-1597' Bridgeport 959'-981' Bridgeport 800'-825' Kirkwood 370'-140'- 1550'-1580 Paint Creek 1400'-		75
	660'5 2 N' NEW 660'5 2 N' NEW 370'N 350'W NEW 370'N 350'W NEW 370'N 350'W NEW 370'N 350'W NEW 360. 21 ZN' 12W 1650'N 350'E SW 1650'N 350'E SW	Faint Creek 16/01-17/10* Kirkwood 1580'-16/20* Biehl 1506'-15/21* Bosiclare 1860'-1870' Cypress 1584'-1597* Bridgeport 959'-981' Bridgeport 800'-825' Kirkwood 1370'-140'- 1550'-1580 Paint Creek 1400'- 1440'-		75
		Faint Leak 10.0**-1710** Bishl 1506*-1512*  Rosiclare 1860*-1870*  Cypress 1584*-1597*  Bridgeport 952*-981*  Bridgeport 800*-825*  Bridgeport 800*-825*  Bridgeport 800*-825*  Bridgeport 800*-825*  1556*-1360 Paint Creek 1400*-140**		75
	0 2 0	Rosiclare 1860*-1870*  Cypress 1584*-1597*  Bridgeport 952*-981*  Bridgeport 800*-2825*  Kirkwood 1370*-1430*  Bridgeport 800*-825*  Kirkwood 1370*-1430*  1550*-1380 Paint Creek 1400*-  1440*-		75
	Sec. 2 3N 1 M 1650'N 330'E SKC SE Sec. 2 3N 12M 833'E 660'E NWC NB NW Sec. 5 3N 12W 10'S 660'E NWC SW NE Sec. 5 3N 12W	Cypress 1584'-1597' Bridgeport 952'-981' Bridgeport 800'-825' Kirkwood 1370'-1430' Bridgeport 800'-825' Kirkwood 1350'-1380 Paint Creek 1400'-		75
	Sec. 5 3N 12W 83'S 660'E NW NE NW Sec. 5 3N 12W 10'S 660'E NWc SW NE Sec. 5 3N 12W	Bridgeport 952-988! Bridgeport 800'-825! Kirkwood 1370'-1430' Bridgeport 800'-825' Kirkwood 1350'-1440'-		75
	Sec. 5 3N 12W 101S 660'E NWC SW NE Sec. 5 3N 12W	Kirkwood 1570'- 450' Bridgeport 800'-825' Kirkwood 1550'- 380 Paint Creek 1400'- 1440'		75
		144()1		
	660'N 685'E SWC Sec. 5 3N 12W	Benoist 1610'-1635' Kirkwood 1450'-1500' Paint Creek 1570'-	G.L. 494'	
	1740'S 1303'W NEC SE	1385' Bridgeport 900'-1000'	6.L. 506 <sup>±</sup>	
	50C. 2 3N 12W 660'N 660'E SWC NE SE	Kirkwood 1450'-1500'	G.L. 510°	
	560'N 660'W SEC Sec. 6 3N 12W	Paint Creek 1570'-1585' Kirkwood 1450'-1500' Benoist	G.L. 542°	
	50'S 1980'E NWC Sec. 8 3N 12W	1010'-1839'   Kirkwood   1450'-1500' Paint   Creek   1570'-1585' Benoist   1410'-1435'	G.L. 457'	
	660'S 660'E NWC Sec. 8 3N 12W	Kirkwood 1450'-1500' Benoist (1610'-1635' Paint Creek 1450'-	6.1. 5001	
Marathon Oll Co. R. S. Williams #JM-II	72'N 1368'W SEC NE	McClosky 1750'-1825'	G.L. 4811	
Kirkwood #RK-2-A	Sec. 11 3N 12W	Cypress 1525'-1575' Benoist Benoist 1600'-1675' McClosky 1750'-1825'	G.L. 433'	

OPERATOR	WELL NAME (*=Converted)	LOCATION	FORMATION	ELEVATION
LAWRENCE COUNTY(contd.)				
Triangle Oil Co. of IL., Inc.	KIrkwood #RK-W3A	880'S 660'W NEC SW Sec. 11 3N 12W	Cypress 1525'-1575' Benolst 1600'-1675' McClosky 1705'- 1825'	G.L. 433'
Triangle Oil ∞ of IL., Inc.	Kirkwood #RK-W4A	785'N 670'W SEC SW Sec. 11 3N 12W	Cypress 1525'-1575' Benolst 1600'-1675' McClosky 1705'- 1825'	G.L. 432'
Triangle Oil Co. of IL., Inc.	Kirkwood #RK-W5A	920'N 290'E SWc SE Sec. 11 3N 12W	Cypress 1525'-1575' Benoist 1600'-1675' McClosky 1705'-	G.L. 430'
Estate of John M. Zanetis	*Grace Gillespie #5	330'S 330'E NWC NE SE	Cypress 1509'-1541'	G.L. 420'
Estate of John M. Zanetis	*Grace Gilliesple #6	660'S 660'E NWC NE SE	Cypress 1520'-1576'	G.L. 431'
Marathon 011 Co.	William Seed A/C I #30	660*N 25*W SEC NW SW	Bridgeport 1025'-1075'	G.L. 479'
Marathon Oil Co.	T. P. Gillespie #HH-27	1320'S 660'E NWC Sec. 23 3N 12W	Bridgeport 975'-1005' Kirkwood G.L. 508' 1570'-1610' Paint Creek 1660' 1710' Bangist 1718'-1755'	G.L. 508'
Marathon Oil Co.	T. P. GIIIespie #KK-30	708'S 660'W NEC SW Sec. 23 3N 12W	wood 5351-	G.L. 5331
Marathon Oil Co.	T. P. Gillespie #LL-31	1310'S 20'W NEC SW Sec. 23 3N 12W	Bridgeport 920°-935 Kirkwood 1635°-1650' Paint Creek 1635'	G.L. 537'
Marathon Oll Co.	A. Vandermark #VV-4	660'N 660'E SWC SE	Kirkwood 1633'-1644' Paint	G.L. 497°
Marathon 011 Co.	A. Vandermark #WW-4	660'N 1300'E SWC SE	Kirkwood 1633'-1644' Paint Crock 1720'-1734'	G.L. 486'
Marathon Oil Co.	E. Leighty A/C I#KK-2	560'S 660'W NEC SW Sec. 26 3N 12W	251 Ridgely od 1550'-	G.L. 499"
Marathon Oil Co.	S. J. Gee A/C I #C-7	20'N 350'E SWC NW NE Sec. 34 3N 12W	TOUCH FAINT CREEK 10/01-109UT	G.L. 551'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
AWDENCE COINTY				
The state of the s				
Marathon Oil Co.	Joseph Gray #EE-9	10'S 1110'W NEC SE	Ridgely 1250*-1290* Kirkwood	G.L. 5311
			1710	
Marathon OII Co.	Joseph Gray #F-9	20'S 750'W NEC SE	Kirkwood 1550'-1600' Bridge-	G.L. 535'
		Sec. 34 3N 12W	port 940'-1042'	
Marathon Oil Co.	W. Westall A/C I #SM-13	201N 201E SWC	McClosky 1637'-1704'	G.L. 438'
Marathon 011 Co.	*Perry King A/C 1 & 2 #M-8	1996'S 2036'F NWC	Bridgebort 850"-880"	G 1 4321
		Sec. 18 4N 12W	Kirkwood 1350'-1375'	1
Marathon Oil Co.	Perry King A/C I & 2 #M-9	101N 5801E SWC SE NW	Bridgeport 850'-880'	G.L. 433'
		SEc. 18 4N 12W	Kirkwood 1350'-1375'	1
Marathon UII Co.	S. E. Hazel A/C   #SM=15	51'S 10'W NEC SE NE	Aux Vases 1600'-1615'	G.L. 45/'
Marathon 011 Co.	T & C Combs #WM=19	35 N 35 W SEC SE NE SW	McClosky 1620 - 1870	G.L. 426'
Marathon Oil Co.	C. L. Lewis #SM+17	81 *S 24 *E NWc SW	Aux Vases 1600'-1615'	G.L. 426°
		Sec. 20 4N 12W	McClosky 1620'-1670'	
Marathon Oil Co.	Mary A. Wood A/C I #UM-15	20'S O'E NWC SE NW	McClosky 1637'-1704'	G.L. 433'
0 - 10		Sec. 20 4N 12W		
Marainon of 1 Co.	Mary A. Wood A/C   #WM-13	SAC. 20 4N 12W	MCCIOSKY 163/ -1/04	6.L. 438'
Marathon Oil Co.	Mary A. Wood A/C I #UM-17	20°N O'E SWC SE NW	McClosky 1637'-1704'	G.L. 4321
		Sec. 20 4N I2W		
Marathon Oil Co.	Mary A. Wood A/C ! #WM-17	35'N 35'W SEC NW	McClosky 1637'-1704'	G.L. 438'
Marathon Oil Co.	F D Febolman #WM=21	Sec. 20 4N 12W	MCC10cby 16371-17041	1 1054
		Sec. 29 4N 12W		
Marathon Oil Co.	F. P. Eshelman #WM-23	70'N 77'W SEC NE NW	McClosky 1637'-1704'	G.L. 449¹
		Sec. 29 4N I2W		
Marathon Oil Co.	J. P. Middagh A/C I #LM-29	50*N 50*W SEC	McClosky 1650'-1750'	G.L. 513'
Smith Operating Co., Inc.	*Droll #035-M	560'N 25'F SWO NF SW	McClosky 1674*=1686*	G.1. 432*
, n		Sec. Fr. 1 4N 13W		
Smith Operating Co., inc.	Droll #335-M	2722 N 2672 W SEC	McClosky 1640'-1680'	G.L. 433'

OPERATOR	WELL NAME (**Converted)	LOCATION	FORMATION	ELEVATION
LAWRENCE COUNTY(contd.)				
Smith Operating Co., Inc.	*M. X. Piper #236-M	1367'N 1984'W SEC	McClosky 1610*-1650*	G.L. 430'
Elvin O. Legg	*Harlan-Lidey #1	330'S 330'E NWC SE SE	Beno1st 1682'-1704'	G.L. 463'
Charles R. Bell	*Lewis #!	Sec. 11 4N 15W 990'N 660'E SWc SE Sec. 25 4N 13W	Cypress 1650'-1680'	G.L. 483'
MCDONOUGH COUNTY				
Gedco 011 & Gas	Normandin #1	660'S 660'W NEc Sec. 32 4N 4W	Silurian 4501-4621	6.1. 612'
MARION COUNTY				
Texaco, Inc.	*Salem Unit O/A Tr. 177 - #5	990'S 248'W NEC NW SW	Aux Vases 1778'-1837'	D.F. 524'
Texaco, Inc.	*Salem Unit O/A Tr. 177 - #6	200'S 80'W NEC NW SW	Salem 2151'-2227'	D.F. 531'
Texaco, Inc.	*Salem Uni† O/A Tr. 191 - #55	Sec. 2 IN ZE 600'N 160'W SEC SW NE Sec. 8 IN ZE	Devonian 35041-35511	D.F. 573'
RICHLAND COUNTY				
Steven A. Zanetls	*Kimme! #I-A	330 N 330'E SWC NE SE	SAlem 3793"-3800"	G.L. 447'
Bili's Machine & Power Transmission, inc.	*Blain #2-C	Sec. 28 3N 10E 315,51S 1665'W NEC SW Sec. 24 4N 9E	Cypress 2536'-2590'	D.F. 501'
SANGAMON COUNTY				3
Homco, Ltd.	*Fairchild #1	330'S 330'E NWC SW SW Sec. 11 15N 4W	Silurian 1586'-1592'	G.L. 576¹
SHELBY COUNTY				
Eagle Energy, Inc.	*Porter #1	330'N 330'W SEC NW SW	Aux Vases 1786'-1806'	G.L. 593'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
SHELBY COUNTY(contd.)				
Universal Resources Corp.	*Pollock #2	330'S 330'E NWC SE NW Sec. 32 12N 2E	Benoist  484'- 495'	G.L. 662'
WABASH COUNTY				
H & H Oil ∞., Inc.	*Eari Buchanan #4-B	330'N 330'E SWC NW SW	Cypress 1964'-1970'	G.L. 422'
H & H Oil Co., Inc.	*Buchanan-Chapman-McFarland #1	Sec. 25 IN IZW 3301S 3301E NWC SE NW Sec. 26 IN IZW	Cypress 2048'-2057'	G.L. 466'
Small & Higgins, Inc.	*F. & 1. Compton #1	350'S 990'W NEC SW	O'Hara 2836'-2842'	G.L. 417'
Small & Higgins, Inc.	*F. & 1. Compton #2	660'S 330'W NEC SW	Salem 3500'-3545'	G.L. 436°
Small & Higgins, Inc.	*Asa Reeves #5	990'N 330'E SWC SE	Salem 3556'-3581'	G.L. 485†
Small & Higgins, Inc.	*Larry Seals #3-A	330'S 330'E NWC SW NE	Salem 3535'-3550'	G.L. 4611
Small & Higgins, Inc.	*Larry Seals #5-A	335'S 348'W NEC NW	Salem 3520'-3530'	G.L. 437'
Small & Higgins, Inc.	*Nea! Eta! Unit #!	330'S 330'E NWC SW NE	Salem 3508'-3520'	G.L. 421'
Small & Higgins, Inc.	*Tennes #2	330'S 330'W NEC NW	Salem 3528'-3542'	G.L. 447'
Conrady Oil, Inc.	*E. A. Veihman #4-A	1252'N 2490'E SWC SE	Bieh! 1452'-1475'	G.L. 395'
Conrady 011, Inc.	*Bessie M. Crow #2-A	Sec. 5 IS IZW 530'S 445'W NEC	Cypress 2020'-2030'	G.L. 434'
Viking Oil Co.	*Riggs Etal #2	330'N 330'W SEC NW NE	0'Hara 2572'-2576'	G.L. 486'
Olds Oll & Chemical Corp.	*Risley Etal Comm. #2	56c. 11 IS 13W 330'S 330'W NEC SE SE	Benoist 2566'-2576'	G.L. 461°
John W. Alka	*J. W. Alka #C-4	Sec. 20 IS ISW 330'S 330'E NWC NE NE Sec. 32 IS ISW	Benoist 2540'-2544'	G.L. 419'

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
WAYNE COUNTY				
Shuiman Bros. Inc.	*T. F. Brach #C-1	330'S660'W NEC SE	Aux Vases 30691-30791	G.L. 452'
Richard W. Beeson	*Harold Barnard #1	Sec. 33 IN 7E 530*N 330*W SEC NE SW	Aux Vases 3030'-3039'	G.L. 439'
Union Oil Co. of California	*GIG MILLER #A-I	Sec. 35 IN 7E 2925'S 2915'E NWC	Aux Vases 2915'-2979'	D.F. 453*
Wagner Oil & Gas	*Robert Barnard #2	530'S 330'E NWC NE SE	Aux Vases 3080'-3086'	G.L. 439'
Herr & Miller Drig. & Operating	*Sins #4	Sec. 21 1S 6E 336'N 345'E SEC NE SW SW	Aux Vases 3110'-3130'	G.L. 438'
Herr & Miller Drig. & Operating	*Sins #6	Sec. 24 1S 6E 330'S 330'E NWC SW SE SW	Aux Vases 3120'-3132'	G.L. 438'
J & H OII ∞.	*Claudia Ralston #4	Sec. 24 1S 6E 330'N 990'W SEC NW NE	0'Hara 3150'-3164'	G.L. 409'
Dean N. Basnett	*Mauck Etal #1	Sec. 26 IS 6E 330'S 330'E NWC SW NW	0'Hara 3238'-3244'	G.L. 471'
T. W. George Trust	*Jones-Penner #1-A (W-6)	Sec. 20 1S 7E 330'S 330'W NEC SE SE	Aux Vases 3270'-3282'	G.L. 440°
T. W. George Trust	*Arvel Mann #2 (W-4)	330'N 330'E SWC SE	Rosiclare 3332'-3340'	G.L. 424'
T. W. George Trust	*Roscoe JOnes #1 (W-7)	Sec. 14 25 9E 330'N 330'W SEC NE Sec. 23 25 9E	Aux Vases 3217'-3236'	G.L. 423'
WHITE COUNTY				
J & H 011 Co.	*L. R. Tallman #2	330'N 330'E SWC NW NE	Cypress 2770'-2800'	G.L. 410'
Ashland Oll Inc. & Ashland	*Upton Comm. #A-2	56c. 26 35 10E 530'N 330'E SWC SE NE	Benoist 2910'-2970' McClosky 3467'-3472'	G.L. 392'
Exploration, Inc. Gerber Energy Corp.	*Warthen Comm. #5	56c, 12 45 8E 530'S 990'W NEC SE	Aux Vases 3308'-3334'	G.L. 389'
Gerber Energy Corp.	*Kerwin Trust #33-34	530'S 330'E NWC SE NW	Aux Vases 3294'-3343'	G.L. 382'
Calimar Energy Corp.	*Martin Barbre Etal #6	Sec. 34 45 8E 330'N 1650'W SEC NE SW Sec. 3 45 9E	Rosiclare 3404'-3408'	G.L. 413' .

OPERATOR	WELL NAME (*=Converted) (@=Amended)	LOCATION	FORMATION	ELEVATION
WHITE COUNTY(contd.)				
Viking Oil Co.	*Carr Etal Unit #3	330 'N 330 'E SWC SE SW	Degonia 1976'-1982'	G.L. 416'
Viking 011 Co.	*Finch #I	380'N 330'E SWC SE NW	Tar Springs 2350'-2360'	G.L. 4231
T.W. George Trust	*Sumpter East Unit-Reuben Winter #8	Sec. 24 4S 10E 330'N 330'F SWC NW NW	Aux Vases 30281-30381	6.1. 374
		Sec. 32 45 10E		
Barger Engineering, Inc.	A. H. Cleveland #10	1250'N 600'E SWC	Tar Springs 2300'-2310'	G.L. 410'
Black River Oil Development	Ford-Corbin, Hagerdorn, State of	330'N 957'E SWC	Degonia 1852'-1859'	G.L.365¹
Gene Michel	*Hagedorn #1	330'N 990'E SWC NW	Degonia 1870'-1885'	G.L. 370'
Herman L. Loeb	*Birdie R. Gray #H-13	330'S 330'E NWC SE NE	Aux Vases 2830'-2842'	G.L. 374'
The Superior Oil Co.	*R. A. Henning #1	330'N 330'W SEC SW NW	Aux Vases 2820'-2840'	G.L. 367'
Donahue Oii Co., Inc.	*Triple AAA Ranch #3	330°S 330°W NEC SE SW	Aux Vases 3340'-3350'	G.L. 439'
Donahue Oil Co., Inc.	*Garrett Etal #A-!	330'S 330'E NWC SE NW	Aux Vases 3350'-3360'	G.L. 443°
Donahue Oil Co., Inc.	*Garrett Etal #3	330'S 330'E NWC SW NW NW	Aux Vases 3312'-3322'	G.L. 426'
Donahue Oii Co., Inc.	*Robinson-Appel #1	330 N 330 E SWC NW NE NW	Aux Vases 3364'-3374'	G.L. 466°
Hydrocarbon Investments, Inc.	*Lawrence Brown #3	330'S 660'E NWC SW SW	Lower Waltersburg 2345'-2355'	G.L. 382°
Viking 011 Co.	*Greg Kempf #2	330'S 990'E NWC NE	Upper McClosky 3014'-3020'	G.L. 367'
Terry White Oil Co., Inc.	*William Hall #7	330'S 330'E NWC NE NW	Aux Vases 2995'-3000'	G.L. 368'
Fred W. Meyer, Jr.	*Westergard Heirs #6	350'S 330'W NEC SE	Degonla 1984'-1994'	G.L. 440°
Kato Operating Co.	*Roland West Unit TR, 9-#1	Sec. 23 bs 10e 330'S 330'E NWC NE NE Sec. 9 7S 8E	Bethel 2770'-2865'	G.L. 385'

WATER INPUT PERMITS ISSUED IN 1985

LOCATION FORMATION ELEVATION	330'S 330'W NEC SE NW Hardinsburg 2521'-2542' G.L. 475'	420'S 330'E NWC SW SE Aux Vases 2576'-2587' G.L. 498' Sec. 21 8S 4E Aux Vases 2879'-2890' G.L. 493' Sec. 21 8S 4E	
WELL NAME (*=Converced)	*Mayberry #3	*Mitchell #6	
OPERATOR	WHITE COUNTY(contd.) Gerber Energy Corp. WILLIAMSON COUNTY	Bernard Podolsky	

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
ADAMS COINTY						
Jansen & Mason	Davidson & Wellman #1	330'N 330'E SWC	Silurian	4231	Gas	G.L. 423'
Mason & Jansen	Jansen #1	330'S 330'E NWC NE NW NE	Silurian	4004	Gas	G.L. 696'
Mason & Jansen	Jansen #2	Sec. 25 2S 7W 330'S 330'E NWC SE NW NE Sec. 25 2S 7W	Silurian	4201	Gas	6.1. 6951
BOND COUNTY						
Farrar Oil Co., Inc.	Stone #6	3651S 330 W NEC SE NE	Penn.	620	14	G.L. 530°
Farrar Oil Co., Inc.	Zobrist #8	330'N 330'W SEC NW SW	Penn.	6141	5.1	G.L. 556°
B.C. Energy Exploration	Alma Sexton #2	Sec. 22 SN 4W 330'S 330'W NEC NW Sec. 30 7N 3W	Golconda	832 '	7	G.L. 617' E
BROWN COUNTY						
6 & S 011 Corp.	Gilbert McNeff #3	330'S 330'W NEC NW SE NE	O'Hara, McClosky	35751	64	G.L. 4321
The Ogle Corp.	Jones #3	330'N 330'W SEC SE NW NE	Silurian	675	3	G.L. 687'
The Ogle Corp.	A. Jones #4	330'S 330'E NWC NE Sec. 15 2S 4W	Silurian	1971	20	G.L. 666¹
CHRISTIAN COUNTY						
Ronald A. Potsch	Warren "B" #4	990'N 330'E SWC SW NW	Benoist	1492	4	G.L. 657'
John P. Potsch, Sr.	Doris Dewerff "A" #2	330'S 330'W NEC NE NW SW	Benoist	14711	-	6.1. 653
Pawnee Oil Corp.	Helen Hargrove #1	Sec. 2 IIN IE 330'S 330'E NWC SE SE	Devonian	2421'	20	G.L. 615'
Craig Carpenter & Harry Powell Jr.	Kuhle #8	Sec. 3 ISN IE 330'N 330'E SWc Sec. 26 ISN IE	Cypress	1317'	15	6.L. 627'

OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАТ	EST. IP DAILY-BBLS.	ELEVATION
CHRISTIAN COUNTY(contd.)						
Dupont Instruments Corp.	M. Simmons #3	1650'S 600'W NEC	Beno!st	13311	22	G.L. 627'
1111ni 0il 00., Inc.	Clayton #3	Sec. 34 13N 1E 100'S 330'E NWC SE NW	Silurian	19201	Prod.	G.L. 608
Homco, Ltd.	Kreuger Comm. #1	350'S 330'W NEC NE NE SW	Silurian	1795	. 02	G.L. 576'
Homco, Ltd.	Krueger Comm. #2	Sec. 34 ISN 5W 330'N 330'E SWC NE SW	Silurian	18001	35	G.L. 585'
John Carey Oll Co., Inc.	Vroom-SMB #4	330'S 330'E NWC NW NE	Silurian	18181	Prod.	G.L. 590'
John Carey Oli Co., inc.	Vroom-SMB #14	330'S 330'E NWC NE NE	Silurian	18291	35	G.L. 588'
Homco, Ltd.	Yeaman-Van Pelt #2	36c. 34 15N 3W 330'S 330'W NEC SW SW Sec. 34 15N 3W	Silurian	18501	Prod.	6.1. 586'
CI ARK COUNTY						•
Glennard Bunton	Leatherman #3	330'S 330'E NWC NE NW	Penn.	765'	15	G.L. 5801
Redman Production Co.	Baird #3	Sec. 17 9N 13W 330'N 660'W SEC NE SE	Саѕеу	5121	1.5	G.L. 592'
Redman Production Co.	Worgan #4	Sec. 19 10N 13W 660'N 550'E SWC NW	Casey	5591	Prod.	G.L. 606'
William H. Reynolds	Gallatin-McCiellan #6-A	220'S 220'W NEC SW	Mississippi	505	2	G.L. 595'
William H. Reynolds	Gallatin-McClellan #8-A	220'S 630'W NEC SW	Mississippi	497	2	G.L. 595'
Redman Production	Newman #12	330'N 330'E SWC NE NW	Carper	13991	2.3	6.L. 590'
Redman Production	Newman #13	220'N 330'W SEC NW NE	St. Genevieve	5101	2.5	6.L. 600'
Monrae Oil & Gas, Ltd.	Tomasino Comm. #2	330'S 660'W NEC NW	Trenton	2870	20	G.L. 592'
Redman Production Co.	Turner #R-1	330'N 330'E SWC SE	Casey	5351	kv	G.L. 591'
Huff Drlg. Co., Inc.	B1ggs #41	Sec. 31 10N 13W 220'N 220'W SEC SE SW SW Sec. 3 11N 14W	St.Louis	4001	Prod.	G.L. 659'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
( b+con/VTMION YOUR						
CLARK COOK! I CON! 19.5	200	2201N 5601F SWC	St. Louis	4004	Prod.	G.L. 657'
Huff Drig. Co., Inc.	B1998 #42	Sec. 3 11N 14W		. 707	7	6 1 6561
Huff Drig. Co., Inc.	Biggs #43	220*N 220*E SWC SW SW SW	St. Louis	. 40	·Borr	6.1. 670
Huff Drig. Co., Inc.	Blggs #44	660'S 220'W NEC SW SW	St. Louis	3931	Prod.	G.L. 656°
Huff Drig. Co., Inc.	Blggs #45	560'S 660'E NWC SW SW	St. Louis	394'	Prod.	G.L. 655'
Huff Dria, Co., Inc.	Blggs #46	Sec. 3 IIN 14W 660'S 220'E NWC SW SW	St. Louis	3901	Prod.	G.L. 647'
Huff Drig. Co., Inc.	Blggs #47	Sec. 3 11N 14W 220'S 220'W NEC NE SW SW	St. Louis	4001	-	G.L. 653'
Huff Drlg. Co., Inc.	Bl ggs #48	Sec. 3 IIN 14W 220'S 660'E NWC SW SW	St. Louis	4004	2	6.L. 650'g
Huff Drig. Co., Inc.	B1ggs #49	Sec. 3 IIN 14W 220'S 220'E NWC NW SW SW	St. Louis	4001	٣	G.L. 644'
Paul E. Young	Houghton #7	Sec. 3 11N 14W 330'N 990'E SWC NW	Mississippi	4311	4	G.L. 659†
Paul E. Young	Jones #6	Sec. 3 IIN 14W 330'S 330'W NEC SE NW SE	Mississippi	422'	4	G.L. 635'
Paul E. Young	Jones #7	Sec. 4 IIN 14W 330'S 330'W NEC SW NE SE	Mississippi	4181	9	G.L. 644"
Paul E. Young	Jones #8	Sec. 4 IIN 14W 330'N 430'W SEC NE SE	Mississippi	3881	2	G.L. 630'
Paul E. Young	Jones #9	Sec. 4 IIN 14W 660'S 330'E NWC NW SE	Mississippi	503	5	G.L. 655'
Paul E. Young	Jones #10	330'S 660'E NWC NW SE	Mississippi	4101	4	6.L. 659'
Paul E. Young	Jones 11 #11	350'N 660'E SWC NW SE	Mississippi	4311	4	G.L. 657'
Paul E. Young	Jones 11 #12	330'S 660'W NEC NE SE	Mississippi	4311	4	G.L. 6581
Asbley Oil Co.	Fred McVey #1-M	Sec. 4 11N 14W 330'S 330'E NWC SW NW	Mississippi	4601	2	G.L. 658'
Ashley 011 Co.	Fred McVey #2-M	Sec. 5 11N 14W 330'S 660'E NWC SW NW	Mississippi	4601	ю	G.L. 659'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLARK COUNTY(contd.)						
Ashley Oll Co.	Fred McVey #3-M	330'S 330'W NEC SW NW	Mississippl	4451	9	G.L. 660°
Ashley 011 Co.	Fred McVey #4-M	Sec. 5 IIN 14W 660'S 330'W NEC SW NW	Mississippi	458	м	G.L. 659'
Ashley 011 ℃.	Fred McVey #5-M	Sec. 5 11N 14W 660'S 330'E NWC SW NW	Mississippi	4421	м	G.L. 659'
Ashley Oil Co.	Fred McVey #6-M	350'N 330'E SWC NW	Mississippi	4451	-	6.1. 660
Ashley 011 ©.	Fred McVey #8-M	330'N 330'W SEC SW NW	Mississippi	4561	_	6.1. 6611
L & J Oll & Gas, Inc.	Fred McVey #9	220'S 330'W NEC NW SW	Mississippi	464	-	G.L. 662
L & J OII & Gas, Inc.	Fred McVey #10	350'S660'W NEC NW SW	Mississippi	4641	_	6.L. 667' g
L & J Oil & Gas, Inc.	Fred McVey #11	220'S 330'E NWC SW	Mississippi	4591	_	G.L. 66F'
L & J Oil & Gas, Inc.	Fred McVey #12	Sec. 5 11N 14W 660'S 330'E NWC SW	Mississippi	464 "	М	G.L. 668'
L & J Oil & Gas, Inc.	Fred McVey #13	Sec. 5 IIN 14W 660'S 330'W NEC NW SW	Mississippi	464"	-	G.L. 6691
L & J Oil & Gas, Inc.	Fred McVey #14	Sec. 5 IIN 14W 220'N 330'W SEC NW SW	Mississippi	464"	-	G.L. 663'
L & J Oil & Gas, Inc.	Fred McVey #15	330'N 660'W SEC NW SW	Mississippi	464'	2	G.L. 664'
L & J Oil & Gas, Inc.	Fred McVey #16	330'N 330'E SWC NW SW	Mississippi	4641	2	G.L. 668'
Ashley 011 Co.	G. O. Pinnell #3-M	550'N 350'E SWC NW NW	Mississippi	404	7.	G.L. 664'
Ashley Oil Co.	G. O. Pinnell #4-M	330'N 330'W SEC NW NW	Mississippi	3961	01	G.L. 658'
L & J Oil & Gas, Inc.	Fred McVey #1	220'S 220'W NEC NE	Mississippi	464 '	5	6.1. 670'
L & J Oil & Gas, Inc.	Fred McVey #2	Sec. 6 IIN 14W 330'S 660'W NEC	Mississippi	4641	4	G.L. 6711
L & J. Oil & Gas, Inc.	Fred McVey #3	330'S 330'E NWC NE NE	Mississippi	464 '	4	G.L. 672'
		36C. 0 -18				

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OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLARK COUNTY(contd.)						
L & J Oil & Gas, Inc.	Fred McVey #4	6601S 3301E NWC NE NE	Mississippi	464'	4	G.L. 667'
L & J Oil & Gas, Inc.	Fred McVey #5	660'S 330'W NEC	Mississippi	4631	2	G.L. 663'
L & J Oil & Gas, Inc.	Fred McVey #5	220'N 220'W SEC NE NE	Mississippi	4571	70	G.L. 664'
L & J Oil & Gas, Inc.	Fred McVey #7	330'N 660'W SEC NE NE	Mississippi	4641	4	G.L. 662'
L & J Oll & Gas, Inc.	Fred McVey #8	330'N 330'E SWC NE NE	Mississippi	4641	70	6.1. 663'
L & J Oil & Gas, Inc.	Fred McVey #12	660'S 330'W NEC SE NE	Mississippi	4311	٢	G.L. 657'
L & J Oil & Gas, Inc.	Fred McVey #13	660'S 330'E NWC SE NE	Mississippi	464 1	2	6.L. 656' 8
L & J Oil & Gas, Inc.	Fred McVey #14	330'N 330'E SWC SE NE	Mississippi	4651	4	6.1. 658
L & J Oil & Gas, Inc.	Fred McVey #15	330'N 660'E SWC SE NE	Mississippi	4311	4	G.L. 653'
L & J 011 & Gas, Inc.	Fred McVey #16	220'N 330'W SEC SE SE NE	Mississippi	4311	ī.	G.L. 652
West Oil, Inc.	Florence Gibson #4	330'N 330'W SEC SW SE	Mississippi	450'	Prod.	6.1. 653'
Huff Drilling Co., Inc.	Doit Biggs #25	Sec. 7 IIN 14W 660'N 220'E SWC SE NW	St. Louis	4001	1.5	G.L. 643'
Huff Drilling Co., Inc.	Doit Biggs #26	Sec. 9 IIN 14W 660'S 660'W NEC SE NW	St. Louis	4004	9.1	6.1. 650
Huff Drilling Co., Inc.	Doit Biggs #27	Sec. 9 11N 14W 660'S 220'W NEC SE NW	St. Louis	4004	4.75	6.1. 634'
Huff Drilling ∞., Inc.	Doit Biggs #28	220'N 220'E SWC SE NW	St. Louis	4001	1.2	G.L. 647'
Huff Drilling Co., Inc.	Doi+ Biggs #29	220'N 660'W SEC SE NW	St. Louis	4004	٢	G.L.648°
Huff Drilling Co., Inc.	Doi+ Biggs #30	220'N 220'W SEC NW	St. Louis	4004	7.54	G.L. 640°
Huff Drilling Co., Inc.	Doit Biggs #31	Sec. 9 IIN 14W 330'N 330'E SWC SE NW Sec. 9 IIN 14W	Trenton	2575'	150	G.L. 648

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP	ELEVATION
				DEFIN	DAILI-BBLS.	
CLARK COUNTY(contd.)					ø	
Huff Orilling Co. Inc.	Blogs #58	220 'N 660'E SWC NW	St. Louis	3951	М	G.L. 648'
	1000	Sec. 9 11N 14W		102	u 	6 1 6521
Huff Drilling Co., Inc.	Biggs #59	220'N 220'E SWC NW Sec. 9 IIN 14W	ST. Louis	. /80	2	6,1, 654
Huff Drilling Co., Inc.	Biggs #60	660'S 220'E NWC SW NW	St. Louis	4004	٣	G.L. 6511
Huff Drilling Co., Inc.	Biggs #62	660'S 220'W NEC SW NW	St. Louis	400,	2.20	G.L. 645'
Huff Drilling ∞., Inc.	B1ggs #63	220'S 220'W NEC SW NW	St. Louis	4001	1,30	G.L. 649°
Huff Drilling Co., Inc.	Biggs #65	220'S 220'E NWC SW NW	St. Louis	4001	Prod.	G.L.648!
Huff Drilling ∞., Inc.	Biggs #66	220'N 220'W SEC SW NW	St. Louis	4004	1.47	6.L. 646' 8
Huff Drilling Co., Inc.	Biggs #72	220'N 660'E SWC NW NE	St. Louis	400,	Prod,	G.L. 647
Huff Drilling Co., Inc.	Biggs #73	220'S 660'E NWC NE	St. Lquis	400,	Prod.	6.L. 640'
Huff Drilling Co., Inc.	B1ggs #74	220'S 220'W NE NW NE	St. Louis	4101	2	G.L. 646'
Huff Drilling Co., Inc.	Biggs #75	660'S 220'E NWC NW NE	St. Louis	390'	6	G.L. 644'
Huff Drilling Co., Inc.	Biggs #77	220'N 220'E SWC NW NE	St. Louis	4001	Prod.	G.L. 631'
Huff Drilling Co., inc.	81gqs #78	220'S 220'E NWC NE	St. Louis	4001	Prod.	G.L. 640'
Huff Drilling Co., Inc.	Gasaway #1	220'S 220'E NWC	St. Louis	4001	Prod.	G.L.648!
Huff Drilling Co., Inc.	Gasaway #2	220'S 660'E NWC	St. Louis	4001	Prod.	G.L. 646'
Huff Drilling Co., Inc.	Gasaway #3	220'S 220'W NEC NW NW	St. Louis	400,	Prod.	G.L. 645'
Huff Drilling Co., Inc.	Gasaway #4	56C. 9 IIN 14W 660'S 220'E NWC	St. Louis	400,	Prod.	G.L. 649'
Huff Drilling Co., Inc.	Gasaway #5	Sec. 9 IIN 14W 660'S 660'E NWC Sec. 9 IIN 14W	St. Louis	4001	Prod.	G.L. 648'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
C. ARK COUNTY (contd.)						
Huff Drilling Co., Inc.	Gasaway #6	660'S 220'W NEC NW NW	St. Louis	4004	Prod.	G.L. 646'
Huff Drilling Co., Inc.	Gasaway #7	Sec. 9 11N 14W 220'N 220'E SWC NW NW	St. Louis	4004	Prod.	G.L. 649'
Huff Drilling Co., Inc.	Gasaway #8	Sec. 9 11N 14W 220'N 660'E SWC NW NW	St. Louis	4001	Prod.	G.L. 646'
Huff Drilling Co., Inc.	Gasaway #9	Sec. 9 IIN 14W 220*N 220*W SEC NW NW	St. Louis	4001	Prod.	G.L. 645†
Dwight Sidwell	Wilholt Heirs #1	350'S 330'E NWC SW NW	Penn.	3521	2	G.L. 662†
Dwight Sidwell	Wilhoit Heirs #2	350'N 330'E SWC NW	Penn.	3511	٣	G.L. 660°
Dwight Sidwell	Wilholt Heirs #3	330'S 330'W NEC SW NW	Penn.	345'	2	G.L. 664¹ &
Dwight Sidwell	Wilhoit Heirs #4	330'N 330'W SEC SW NW	Penn.	340'	٣	G.L. 665¹
Dwight Sidweil	Wilhoit Heirs #6	220'N 660'E SWC NW	Penn.	343'	₽	G.L. 667'
Dwight Sidwell	Wilhoft Heirs #7	220'S 660'E NWC SW NW	Penn.	346'	٣	G.L. 665
Dwight Sidwell	Wilhoit Heirs #8	660'S 220'E NEC SW NW	Penn.	3381	٣	G.L. 662¹
Dwight Sidwell	Wilhoit Heirs #9	560 S 220 W NEC SW NW	Penn.	3481	٣	G.L. 667'
Triple S Oil Producers, Inc.	Huisinga #2-C	330'N 940'W SEC SW SE	Trenton	2527	20	G.L. 660¹
Knierlm Co., Inc.	DAIe Husinga Comm. #1	3301S 3301W NEC NW NE NW	Trenton	25051	40	G.L. 646'
Rom-011, Ltd.	Husinga #4-R	330'S 330'E NWC SE NW	Trenton	25151	01	G.L. 6541
Redman Production	Pear! Ohme #1	Sec. 20 IIN 14W 440'S 330'W NEC SW	St. Louis	369'	9	G.L. 652'
Triple S Oil Producers, Inc.	Ennis #2-A	Sec. 18 11N 14W 330'N 940'W SEC NW NE Sec. 20 11N 14W	Trenton	2532'	45	6.1. 659'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLARK COUNTY (contd.)						
Rom-011, Ltd.	Huisinga #5-R	330'S 330'E NWC NE NW NW	Trenton	2505	50	6.1. 650'
Rom-011, L+d.	Huisinga #7-R	330'S 330'W NEC SW NW	Trenton	2514"	35	6.1. 653'
John H. Ryan	Ron Gilbert #6	220'N 220'E SWC SE SW	Mississippi	4051	15	G.L. 675'
Redman Production Co.	Woodard #7	Sec. 32 12N 14W 880'N 660'W SEc SW SW Sec. 32 12N 14W	St. Louis	4341	6	G.L. 689'
CLAY COUNTY						
Humbolt 011, Inc.	W. Garrett #5	330'S 330'W NEc SW	St. Louis	33361	12	6.1. 450'
Dart Oil & Gas Corp.	Jack Pickel #4	350'S 330'E NWC SW SW	Salem-McClosky	3772	42	6.L. 517' S
J. W. Rudy Co.	D. Bayler #1	430'S 330'W NEC SW	Salem	3582	70	G.L. 445'
J. W. Rudy Co.	E. Bayler #2	330'S 330'W NEC SE SW	Salem	3592	70	G.L. 448'
Booth Resources, Inc.	T. Pearce #2	350'S 330'W NEC NW NW	Aux Vases	3200	85	G.L. 450'
Monrae Oil & Gas Corp.	Bates-Hosselton #3	380'S 330'E NWC NE	Salem	36501	001	G.L. 465°
Union Oil Co. of California	Nella V. Bunn #9	330'S 330'E NWC SW NE	Salem	3902	29	G.L. 470¹
Monrae Oil & Gas Corp.	Moseley #9	330'N 330'W SEC SW SW	Salem	37001	182	G.L. 446'
Union Oil Co. of California	Joseph Ullom #7	330'S 330'E NWC SE SW	Salem	3898	6	G.L. 448'
Union Oil Co. of California	Joseph Ullom #8	Sec. 16 ZN BE 330'N 330'W SEC SW	Salem	3884	12	G.L. 452'
Marion F. Miller Prod. Co.	Smith #1	Sec. 16 2N 8E 330'N 660'W SEC	Salem	38101	Prod.	G.L. 450'
Union Oil Co. of California	J. J. Sml+h #8	Sec. 17 2N 8E 990'N 330'W SEC	Warsaw	38831	-	G.L. 449'
		29C 1 7N 0E				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLAY COUNTY(Contd.)						
George M. Shoots	Linder #1-A	330'S 352'E NWC SE	Devonian	46301	2	6.L. 521'
Bernard Podolsky	Brissenden "C" #3	350'N 350'W SEC NW SE	Tar Springs	23281	91	G.L. 4591
Bernard Podolsky	Brissenden "C" #4	350'N 350'E SWC NE SE	St. Louis	3310	30	G.L. 4411
Bernard Podolsky	Riggle-Brissenden Comm. #1	330'S 330'E NWC SE SE	St. Louis	35501	20	G.L. 463'
Franklin Oil Co., Inc.	German #6	330'S 330'W NEC SE NE	Benoist	29601	4	G.L. 432'
Gator 011 Co.	Henry R. Hardy #2-C	330'N 330'E SWC SE SE	Benoist	33461	=	G.L. 454'
Barak 011 Corp.	A. Raley #1	330'N 330'W SEC SW SE	St. Louis	33551	20	G.L. 460'
Barak 011 Corp.	A. Raley #2	400'S 380'E nWc SW SE	St. Louis	33601	25	G.L. 457'
Hubert W. Rose	Colclasure #1	330'S 330'W NEC SE NE	Salem	34951	80	G.L. 431
Hubert W. Rose	Colclasure #2	530'N 330'W SEC NE	St. Louis	34911	20	G.L. 430'
Hubert W. Rose	Duke #1	Sec. 10 3N /E 990'S 330'W NEC NW SE	St. Louis	34681	Prod.	G.L. 424'
Barak 011 Corp.	R. G111 #3	990'N 330'W SEC SW SE	St. Louis	32451	42	G.L. 4291
Barak 0il Corp.	R. GIII #4	330'S 330'E NWC SW SE	Rosiclare	34941	360	G.L. 450°
Barak 011 Corp.	R. GIII #5	380'S 330'E NWC SW SE	Cypress	26131	50	G.L. 4481
Barak Oil Corp.	Gill Trust #2	380'S 330'W NEC SE SW	Benoist	34821	36	G.L. 440'
Barak 011 Corp.	G111 Trust #4	Sec. 10 3N /E 940'N 330'E SWC SE SW	St. Louis	3230'	140	G.L. 4301
Don H. Baldwin	Edgar Hancock #1	330'S 330'E NWC NE NE	Salem	34891	25	G.L. 441
Franklin Oil Co., Inc.	Morgan #7	Sec. 10 3N /E 990'S 990'W NEC NE NW SW Sec. 11 3N 7E	Rosiciare	34281	'n	G.L. 430'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLAY COUNTY(contd.)						
Hubert W. Rose	Patton #4	370 *N 420 E SWC NW	Salem	3753'	20	G.L. 431'
Hubert W. Rose	Patton #5	230'S 910'W NEC SW NW	Salem	34921	70	G.L. 431'
Fryburger Prod. Co., Inc.	R. D. Stacer #1	350'S 330'E NWC NE NE	McClosky	30291	30	G.L. 441'
Gator Oil Co.	Dunigan #2-C	330'S 330'E NWC NW SW	Rosiclare	3000	40	G.L. 454'
Gator Oll Co.	Dunigan #3	990'S 330'E NWC SW	Benoist	10662	30	G.L. 440'
Gator OII Co.	Dunigan #4-C	990'S 330'W NEC NW SW	Aux Vases	30251	35	G.L. 456'
Gator OII Co.	Dunahee #3	330'N 990'E SWC NE	Rosiciare	2980	30	6.L. 449' %
Daniel M. Sulsberger	Hardy #1	330'N 330'E SWC SE NE	Aux Vases-Benoist	30501	20	G.L. 446'
Daniel M. Sulsberger	J. Hardy #2	550'N 550'W SEC NE	Rosiciare-Benoist	3025	35	G.L. 437'
Daniel M. Suisberger	Hardy #3	590'N 530'W SEC NE	Aux Vases	29901	48	G.L. 436°
Gator Oil Co.	Neff #1	330'S 990'E NWC SE	Benoist	29251	21	G.L. 454'
Gator Oil Co.	Neff #2	890'S 990'E NWC SE	Benolst	29961	81	G.L. 450'
Gator Oil Co.	Neff Heirs #1	350'N 350'W SEC	McClosky	3002	25	G.L. 455'
Gator Oil Co.	Neff Heirs #2	990'N 330'W SEC	Benoist	30601	01	G.L. 461'
Gator Oil ∞.	Neff Heirs #3	990'N 990'W SEC	Rosiclare	30101	30	G.L. 460°
Gator 011 Co.	Neff Heirs #4	330'N 890'W SEC	Benoist	3007	40	G.L. 456'
Ritter 011 Co.	B. Sehle #1-A	330'N 330'W SEC NW NE	Benoist	3060	51	G.L. 454'
Gator 011 Co.	Welter #3	330'S 990'W NEC SE	Benoist	30001	33	G.L. 446'
		Sec. 10 JN /E				

OPERATOR

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLAY COUNTY(contd.)						
Kaaren Bangert	E. M. Bangert #5	330'N 330'W SEC NW NE	Aux Vases	30301	01	G.L. 422'
Kaaren Bangert	E. M. Bangert #6	330'N 2310'W SEC NE	Aux Vases	29601	01	G.L. 422'
Jasper Oil Producers, Inc.	Loren Reinboit #1	660'N 330'E SWC NW SW	O'Hara	30161	150	G.L. 4191
J. W. Rudy Co.	F. Heisler Trustee #2-B	990'N 330'E SWC SE SW	Aux Vases	30801	20	G.L. 454'
J. W. Rudy Co.	Helburn-Erwin Comm. #2	330'S 330'W NEC NW NE	Aux Vases	31201	40	G.L. 469'
Union Oil Co. of California	C. D. Duff #6-B	990'N 330'W SEC	Salem	3901	30	G.L. 439'
Shulman Bros., Inc.	Keck #I	330'S 660'E NWC NE	Aux Vases	35461	6	6.L. 453' g
Strata Oil Corp.	Eastin Etal Unit #1	330'S 330'W NEC SW SW	Aux Vases	38851	6	G.L. 4501
Ashland Oil, Inc. &	E. W. Keck #11	1650'N 341'W SEC NE SW	Aux Vases	3050	14	G.L. 438'
Diamond Energy Co.	Kuhl-Klingler Comm. #1	330'N 330'W SEC NW NE	McClosky	3082	40	G.L. 470°
Diamond Energy Co.	R. Rudlophi #1	360'N 330'W SE NW SW	Rosiciare	3008	20	G.L. 450'
Fryburger Prod. Co., Inc.	A. Lybarger #A-I	330'S 330'W NEC SE NE	Aux Vases	30301	17	G.L. 443°
Humbol† 011, Inc.	Laughton #1	430'S 330'W NEC SW SE	Salem	3600	46	G.L. 425'
E.S. Investments, Inc.	Frutiger-King #4	330'N 330'E SWC SE SE	Rosiciare	3040	1.7	G.L. 4381
Don W. Gesell	Hira Byers #5 Tr. 4	330'S 330'W NEC SW NE	McClosky	2479'	4	G.L. 5291
Don Gesell	1.J. Rush "B" Tr. 2 - #1	330'N 330'E SWC NE	Rosiclare	2542'	2	G.L. 492'
Watch It 011 Corp.	Barlow #6	330'N 430'W SEC SW SW Sec. 11 5N 7E	Cypress	28031	15	G.L. 520'

ELEVATION		6.L. 520'	6.L. 519¹	6.1. 520'	G.L. 524'	G.L. 499'	G.L. 501'	6.L. 484' G	G.L. 489'		G.L. 423'	G.L. 422'	G.L. 456¹	G.L. 466'	G.L. 465¹	G.L. 469'	G.L. 477'	G.L. 455'	
EST. IP E		20 6	12.7	021	20	01	57 6	23 6	Prod.		34 6	14	81	09	8	1.5	Prod.	Gas	
ТОТАГ		28001	2810'	2881	28001	25791	3006	29901	2987		12001	12151	2750	40401	10701	10011	2968	10121	
FORMATION		Cypress	Aux Vases	Rosiclare	Cypress	Cypress	McClosky	Rosiclare	Aux Vases		Cypress	Cypress	Silurian	Trenton	Cypress	Cypress	Devonian	Cypress	
LOCATION		330'S 430'W NEC SW SW	56c, 11 5N /E 990'N 330'E SWc SE	Sec. 11 5N 7E 1650'N 330'E SWC SE	330'S 430'W NEC NW SW	330'S 330'W NEC SE SW	330'S 330'E NWC SE NW	Sec. 2/ 5N /E 990'S 330'E NWC NW NE	Sec. 35 5N /E 330'S 330'W NEC NE SW Sec. 35 5N 7E		330'S 330'W NEC SW SE	330'N 330'W SEC NW SE	56C. 9 IN ZW 660'S 327.4'W NEC NW	Sec. 25 IN 3W 330'N 430'W SEC NE SW	Sec. 28 ZN IW 330'S 330'W NEC NW	Sec. 10 2N 3W 330'S 990'W NEC SE NW	Sec. 11 2N 3W 330'N 330'W SEC NE SW	Sec. 16 5N 1W 990'S 330'W NEC NE NW Sec. 28 3N 3W	
WELL NAME		Barlow #7	Murvin #1	Murvin #3	Smithenry #3	Carter Heirs "A" #3	Jansen #1	Ira Brooks #1	Smith-Sanders #1		Brinkman #4	Brinkman #7	R. F. Brinkman #8	Merten #2	Joseph Diekemper #3	Raymond Schroer #1	R. & E. Buchele #1	Edward Woker #1	
OPERATOR	CLAY COUNTY(contd.)	Watch It OII Corp.	Franklin Prod. & Dev. Co.	Franklin Prod. & Dev. Co.	Watch It Oil Corp.	Robison Oil Co.	E.S. Investments, Inc.	Walter R. Sledge	Walter R. Sledge	CLINTON COUNTY	Farmers Crude Prod. Co.	Farmers Crude Prod. Co.	Jet 011 Co.	M. Mazzarino	John F. Dunnill Oil, Inc.	Hyrdrocarbon Investments, Inc.	Gentles Drig. Co.	John F. Dunnill Oil, Inc.	

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
COLES COUNTY						
Charles Armantrout	Ganley #C-2	890'S 330'E NWC NW NW	Osage	2444'	30	6.1. 756'
Covington Oil & Gas	Cain-Gray #1	550'N 550'W SEC NW	Osage	24731	22	G.L. 740'
Covington 011 & Gas	Cain-Gray #2	330'N 330'W SEC NE SE NW	Osage	25001	15	6.L. 735°
Walter Duncan Estate	Michael Unit #0-i	330'S 990'W NEC SW SE	Osage	25201	44	G.L. 735'
Covington 011 & Gas	Watson #0-2	330'N 380'E SWC NE	Osage	24411	85	6.1. 751'
Walter Duncan Estate	Maurine #1-0	380'S 330'E NWC SW SE	Osage	25101	17	G.L. 682'
Walter Duncan Estate	1-0# m40	1090'N 330'E SWC SE NE	Osage	25001	58	6.L. 723' \$
Walter Duncan Estate	Ohm #0-2	330'N 380'E SWC SE NE	Osage	25111	83	6.L. 716'
Walter Duncan Estate	Ohm #0-3	1020'S 990'W NEC	Osage	2505'	74	6.L. 731'
Walter Duncan Estate	Ohm #0-4	Sec. 10 11N /E 990'S 330'W NEC	Osage	25001	001	G.L. 725'
Walter Duncan Estate	Ohm #0-5	Sec. 10 11N /E 380'S 330'W NEC	Osage	25101	65	G.L. 737'
Schaefer Oil Co.	Sarah A. Rothenpieler #1	718'S 330'W NEC NW NE	Osage	24601	20	G.L. 731'
Schaefer 011 Co.	Rothenpleler #2	330'N 330'W SEC SW NE	Osage	24901	09	6.L. 716'
Schaefer 011 Co.	Rothenpieler #5	330'S 330'E NWC SW NE	Osage	24981	09	G.L. 714'
Schaefer 011 Co.	Udell #3	330'N 330'E SWC NE SE	Osage .	24801	38	6.1. 7111
Schaefer 011 Co.	Udell #4	330'S 990'W NEC NE SE	Osage	24901	30	G.L. 720'
Schaefer 011 Co.	Ude11 #5	330'S 330'W NEC SE	Osage	24901	35	G.L. 723*
Walter Duncan Estate	Uni+ "O" #1	Sec. 10 11N /E 380'S 330'W NEC NE NW SE Sec. 10 11N 7E	Osage	25181	31	G.L. 706'

J	ELEVATION	G.L. 718'	217 714	9.1.	6.1. 727	6.L. 739'	G.L. 746'	6.L. 750'	6.L. 6551 S			G.L. 431	G.L. 440'	G 1 454*		6.L. 501	6.L. 590¹	G.L. 450	G.L. 521'	5 1 4621		G.L. 478'	
	EST. IP DAILY-BBLS.	25	) S	3	08	35	22	35	2			Gas	Gas	Č	3	3/4	2	4	01	c	7	2	
	TOTAL	1,0740	10000	7407	24631	2474'	2475'	2030	23001			1069	1568	000	0000	1040	10801	1095	1986		. 080	10421	
	FORMATION		Osage	Osage	Osage	Osage	Osage	Rosiclare	open)	55		Penn.	Dong		Penn.	Robinson	Robinson	Robinson			Robinson	Robinson	
נוסססקיוות שהחתם כסוב החיים	LOCATION		N.	3301N 4751E SWC SW NW	330'N 330'E SWC NW NW	430'S 330'E NWC	3301N 3301E SWC SE	Sec. 34 12N 7E 330'S 330'W NEC NE SW NW	Sec. 35 12N 7E	Sec. 16 13N 7E		2310'S 1417'E NWC NW NW Fr. NW	Sec. 4 5N 10W	Sec. 5 5N 10W	2310'S 1650'E NWC NW NW NW	330'N 330'W SEC SW SW	Sec. 11 2N 11W 330'S 330'W NEC SW	Sec. 3 5N 12W		330'N 330'E SWC SE SW Sec. 9 5N 12W	330'S 330'W NEC SW	Sec. 15 5N 12W 330'N 330'E SWC 550 13 5N 12W	
INODO	WELL NAME		C. G. Carlyle #5-A	C. G. Carlyle #6-A	H. D. Rick #2-N	N. D. Rick #6-N	Sizemore #1	Soaman #14		Andres #1		12 marc )	Alumbaugh - College # 1	111yes #5	Sprague #2	Brashears #1	Smith Bros. #2	C	Hudson Hell's #nm-2	Runyon-Butcher Comm. #2	Mark Hildebrand #1	John Wesner #1	
	OPERATOR	COLES COUNTY (CONTO.)	Dell Carroll Oil Properties	Dell Carroll Oil Properties	Glennadene Armantrout	Glennadene Armantrout	O III retector		Schaefer UII CO.	D. G. Hamilton	VIMIOO GOODIA		Brinkley Enterprises, Inc.	Brinkley Enterprises, Inc.	Brinkley Enterprises, Inc.	Garrett Pendergast		Ulamond 111, 111c.	E. L. Whitmer, Inc.	Fair-Rite Products Corp.	F. I. Whitmer, Inc.	E. L. Whitmer, Inc.	

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY(contd.)						
E. L. Whitmer, Inc.	Leland Wesner #1	330 N 330 W SEC	Robinson	18601	2	G.L. 474'
Three Star Drig. & Prod.Corp.	Baker #3	330'S 330'E NWC SW NW	Robinson	1035	25	G.L. 479'
Three Star Drig. & Prod.Corp.	E. Baker #FW-12	Sec. 18 5N 12W 660'N 660'E SWC NW	Robinson	10151	45	G.L. 483'
John F. Larrabee	Ray Kibbler Jr. #2	550'S 530'E NWC SW SE	Robinson	1001	4	G.L. 536'
Pioneer 011 Co.	Quentin Frost #2	550.5 6 bN 12W 530'S 990'W NEC	Aux Vases	14921	5	G.L. 483'
Pioneer 011 Co.	Quentin Frost #3	5ec. 29 bn 12w 990'S 990'W NEC	Robinson	1266	28	G.L. 496'
Ploneer 011 Co.	Quentin Frost #4	990'S 330'W NEC	Robinson	1266	09	G.L. 502' &
Pioneer 011 Co.	McCarter #2	Sec. 29 6N 12W 660'N 330'E SWC SE NW	Robinson	1015	22	G.L. 470'
Triple C 011 Producers, Inc.	Dee-Ames Unit #1	330'N 330'E SWC NW SE	Robinson	19061	24	G.L. 482'
MacDonell Co. of Lima, Inc.	C. L. McKnight #5	330'S 330'W NEC NW	Robinson	1004	5	G.L. 505'
Crete Oil investments, inc.	Ocie Smith #5	330'N 1115'E SWC SE	Robinson	1075	47	G.L. 498'
Crete Oil Investments, Inc.	Ocie Smith #6	Sec. 6 5N 13W 990'N 1115'E SWC SE	Robinson	10751	14	G.L. 499'
Crete Oil investments, inc.	Aten       #1	330'S 330'E NWC SE NW	Robinson	10751	=	G.L. 4831
Crete Oil Investments, Inc.	Aten 111 #2	330'S 330'W NEC SE NW	Robinson	1075	25	G.L. 4831
Crete Oil Investments, Inc.	Aten 111 #3	330'N 330'E SWC SE NW	Robinson	10751	4	G.L. 483'
Crete Oil Investments, Inc.	Aten 111 #4	530 N 330 W SEC NW	Robinson	10751	20	G.L. 484'
Crete Oil investments, Inc.	Aten IV East #5	330'S 330'E NWC SE	Robinson	1075	4	G.L. 483'
Crete Oil Investments, Inc.	Aten IV East #6	Sec. 7 6N 13W 330'S 330'W NEC NW SE	Robinson	1077	12	G.L. 480'
		200 NO 1 200 200 200 200 200 200 200 200 200 2				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY(contd.)						
Three Star Drig. & Prod.	Anna Richart #KW-15	660'N 660'E SWC SE	Robinson	1014	20	G.L. 480°
Marathon 011 Co.	H. Weirich Heirs Com."B" #35	350'N 330'E SWC SE NW	Rob Inson	1008	2	G.L. 489'
Marathon Oil Co.	J. H. Wright #48	330'S 660'W NEC NW	Robinson	10361	9.4	G.L. 514'
E. S. Investments, Inc.	Blair #!	330'N 330'W SEC NE SW	Robinson	1150	91	G.L. 580'
Christa Oil Co.	A.H.L., Inc. #1	330'N 480'E SWC SW NE	Robinson	1014	2	G.L. 540'
Christa Oii Co.	A.H.L., Inc. #2	330'N 330'W SEC SW NE	Robinson	1666	4	G.L. 550°
Christa Oil Co.	George L. Athey #3	350'N 350'E SWC NW NW	Robinson	1986	9	G.L. 540' 5
Christa Oil Co.	George L. Athey #4	330'N 330'W SEC NW NW	Robinson	10001	14	G.L. 546'
Christa Oil Co.	George L. Athey #5	330'S 330'W NEC SW NW	Robinson	10001	06	G.L. 541'
Christa Oil Co.	George L. Athey #6	350'N 350'W SEC SW NW	Robinson	10201	320	G.L. 531'
Christa OII Co.	George L. Athey #7	350'S 350'E NWC NW NW	Robinson	1064	12	G.L. 545'
Christa Oil Co.	George L. Athey #8	330'S 330'W NEC NW NW	Robinson	٥66	7	G.L. 543'
Christa Oil Co.	George L. Athey #9	330'S 330'E NWC NE NW	Robinson	1012	0	G.L. 547'
Christa Oii Co.	George L. Athey #10	330'N 330'E SWC NE NW	Robinson	10351	06	G.L. 547'
Christa Oii Co.	George L. Athey #11	330'S 330'E NWC SE NW	Robinson	10251	165	G.L. 540'
Christa Oli Co.	George L. Athey #12	350'N 330'E SWC SE NW	Robinson	10331	100	G.L. 530°
Christa Oil Co.	George L. Athey #14	330'N 330'W SEC NE NW	Robinson	10341	ī.	G.L. 552'
Christa Oil Co.	E. Bowen #1	330'S 330'E NWC NE SW	Robinson	1051	ĸ	G.L. 5311
	The second secon					

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY(contd.)	17	330'S 330'E NWC NW SE	Robinson	10101	7	G.L. 550°
Christa OII Co.	H. Mann #1	Sec. 6 7N 12W 330'S 330'W NEC NW SE	Robinson	10101	12	G.L. 550°
Christa OII Co.	n. Mann #2	Sec. 6 7N 12W 330'N 330'E SWC NW SE	RobInson	1014	17	6.1. 552'
Christa Oil Co.	H Mann #5	Sec. 6 7N 12W 330'N 330'W SEC NW SE	Robinson	19101	32	6.1. 551
Christa OII Co.	H. Mann #5	Sec. 6 7N 12W 330'S 330'E NWC SW SE	Robinson	10201	80	G.L. 552'
Christa Oil Co	H- Mann #6	Sec. 6 7N 12W 330'S 330'W NEC SW SE	Robinson	10201	12	6.1. 552'
Christa Oil Co.	H. Mann #7	530'N 330'E SWC SW SE	Robinson	10201	14	6.1. 540' 5
Christa Oll Co.	H. Mann #8	330'N 330'W SEC SW SE	Robinson	1024	0	6.L. 551'
Christa Oil Co.	G. Waggoner #2	350'S 330'W NEC NW SW	Robinson	10501	80	G.L. 540'
t+0+3	Hazel Murray #1-E	330'S 330'E NWC NE NE	Robinson	11211	75	G.L. 590'
201 S 110 S	Walters #3	330'N 330'E SWC SW SE	Robinson	1956	20	G.L. 542'
(rvin 011 00., inc.	# STOTION #4	Sec. 19 7N 12W 330'S 330'E NWC SW SE	Robinson	1126	12	G.L. 544'
Irvin Oil Co., inc.	701 ars-Marh - 27	350'N 330'W SEC NE SW	Penn.	10201	1.5	G.L. 543°
Irvin Oil Co., Inc.		Sec. 19 7N 12W 477'S 352'W NEC SW SW	Robinson	11351	20	G.L. 540*
Mark Putnam, Inc.		Sec. 29 7N 12W	Robinson	1267	-4×	G.L. 532
Triple B Oil Producers, Inc.		Sec. 31 7N 12W 50'S 330'E NWC	Robinson	1140	20	6.L. 538'
Mark Putnam, Inc.	3. 3. NITA #12	Sec. 32 7N 12W 280'S 350'E NWC	Robinson	1150	٣	G.L. 530°
Mark Putnam, Inc. Redman Production Co.	Stallings Enterprises #5	Sec. 32 7N 12W 330'N 430'W SEC NW SW	Robinson	10501	91	G.L. 546'
		Sec. 5 /N 15#				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY(contd.)						
MacDonell Co. of Lima, Inc.	H. G. Condrey #29	330'S 330'W NEC SW NE	Robinson	10151	2.5	G.L. 512'
Marathon 011 Co.	B. B. Kintner #18	330'S 330'W NEC SE SE	Robinson	10701	21	6.1. 508
Marathon 011 Co.	C. Roberts #5	660'N 660'E SWC SE NE	Robinson	1058	6.7	6.1. 500'
Marathon 011 Co.	C. Roberts #6	990'N 330'W SEC NE	Robinson	10561	7	G.L. 504'
Marathon 011 Co.	C. Roberts #7	330'N 330'W SEC NE	Robinson	10721	ς.	G.L. 494°
Marathon 011 Co.	Noah Reed #13	330'N 330'W SEC SW SW	Robinson	1071	13	6.1. 512*
Marathon 0il ∞.	Noah Reed #14	350'S 350'E NWC NW SW SW	Robinson	10681	20	6.1. 511, 201
Marathor 011 Co.	Noah Reed #15	530'N 530'E SWC	Robinson	1901	4	6.1. 5091
Marathon 011 Co.	0. B. Reed #4	350'N 350'W SEC NW SW	Robinson	1075	-	6.1. 510'
Marathon 011 Co.	0. B. Reed #5	330'N 330'E SWC NW SW	RobInson	1081	2	6.1. 507'
Christa 011 ∞.	Walters-Wexier #2	350'S 330'W NEC NE NW	Robinson	10391	-	G.L. 537'
John O. Cross & Don	D. Hale #2	330'N 330'W SEC NW NE	Robinson	10001	1.3	G.L. 520'
Lachenmayr John O. Cross & Don	Bill Martin #1	330'S 330'E NWC NE NE	Robinson	10351	3.1	G.L. 532'
Lachenmayr John O. Cross & Don	Biii Martin #2	350'N 350'E SWC NE NE	Robinson	10431	1.5	6.1. 5111
Lachenmayr Christa Oil Co.	Drummond #11-A	550'S 550'W NEC NW NW	Robinson	10901	35	6.1. 531
Bertram 011 Co.	Ethel D. Wall #5	330'N 330'E SWC NE NW	Robinson	9721	12	G.L. 527'
Bertram Oil Co.	Ethel D. Wall #7	350'N 350'E SWC NW NW	Robinson	1005	24	G.L. 527'

	PRODI	PRODUCING WELLS COMPLETED IN 1985				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY(contd.)						
Bertram OII Co.	Mildred G. Henry #2	330'S 330'E NWC SE NE	McClosky	2925	25	6,1. 511
Marathon 011 Co.	J. G. McKnight A/C I #60	990'N 983'W SEC SW SW	Robinson	1073	2	6.L. 505'
Marathon 011 Co.	J. G. McKnlght A/C I #61	Sec. 17 7N 15W 1020'N 336'W SEC SW SW	RobInson	1084	2	6.L. 506'
Marathon Oll Co.	J. G. McKnlaht A/C 1 #62	Sec. 17 7N 13W 330'N 990'W SEC SW SW	Robinson	, 2201	13	6.L. 501 '
the control of the co	1. G. McKnloht A/C I #63	Sec. 17 7N 13W 330'N 330'W SEC SW SW	Robinson	10721	-	6.L. 507'
Marathon off &.	1 WILKIN #20	Sec. 17 7N 13W 330'N 330'E SWC SW NE NE	Roblnson	1059	٢	G.L. 526'
Marathon UII Co.	7.	Sec. 17 7N 13W	RobInson	10701	۳	6.L. 517' 5
Marathon 011 Co.	Late & Jan. Wilkill #JJ	Sec. 17 7N 13W	Robinson	1065	09	G.L. 502'
Marathon 011 Co.	J.G. McKnight A/C 1 #59	Sec. 18 7N 13W		11201	-	6 1 497
Marathon 011 Co.	M. H. Arnold #28	330'S 1650'W NEC	Robinson	2	-	
Marathon 011 Co.	W.H. Arnold A/C 3 #9	330'N 330'E SWC NE SW	Robinson	11211	00	6.L. 503'
Marathon 011 Co.	Carl Dart #3 Well #15	330'S 330'W NEC SW SW	Robinson	1601	_	G.L. 502°
Marathon Oll Co.	M. A. Thornton #23	Sec. 20 7N 15W 660'N 1310'W SEc NE NE	RobInson	1046	35	G.L. 514'
	Sherriii #3	Sec. 20 7N 13W 330'N 330'E SWC SE NW	Robinson	10501	9	G.L. 503'
rally co meety		Sec. 26 7N 13W	Robinson	10501	4	G.L. 508*
Larry C. Neely	Om IIII	Sec. 26 7N 13W		10501	ď	6.1. 509*
Larry C. Neely	Shrrr111 #7	530'N 330'W SEC SW NE	Robinson	. 0601	,	
Marathon OII Co.	C. B. Mouser #28	330'S 330'W NEC NW NE	Robinson	1065	70	G.L. 500'
octoria de la constante de la	# # # # # # # # # # # # # # # # # # #	Sec. 30 7N 13W 330'N 330'E SWC NW NE	Robinson	1040	25	G.L. 481
John F. Lailabee		Sec. 30 7N 13W	Robinson	1040	15	G.L. 498
John F. Larrabee	0. R. Smith #2-5	Sec. 30 7N 13W				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
V NAME OF TAXABLE OF T						
Curtis Ross	Bradley B. Caywood #4	330'N 330'W SEC SW SW	Robinson	9141	æ	G.L. 480!
Curtis Ross	Mary & Jim Caywood #3	Sec. 33 7N 13W 330¹N 330¹W SEc SW	Robinson	920	7	G.L. 487'
W.L.R. Energy, Inc.	Deatherage-Utterback #1-A	Sec. 33 7N 13W 927'N 330'E SWC SE	Robinson	1566	5	G.L. 497'
W.L.R. Energy, Inc.	Deatherage-Utterback #2-A	Sec. 33 7N 13W 1564'N 330'E SWC SE	Robinson	1266	=	G.L. 497
W.L.R. Energy, Inc.	Deatherage-Utterback #3-A	927'N 940'E SWC SE	Robinson	1966	15	G.L. 497
W.L.R. Energy, Inc.	Deatherage-Utterback #4-A	Sec. 33 7N 13W 1564*N 940*E SWC SE	Robinson	9701	6	G.L. 497'
Christa Oil Co.	R. Chapman #1	350'S 330'E NWC NE NW	Robinson	10001	0	6.1. 559, 5
Christa Oil Co.	R. Chapman #2	350'N 350'E SWC NE NW	Robinson	10481	2	6.L. 565¹
Christa Oil Co.	R. Chapman #3	Sec. 20 8N 12W 330'S 330'W NEC NE NW	Robinson	10201	۳	6.L. 570'
Christa Oil Co.	R. Chapman #4	330'N 330'W SEC NE NW	Robinson	10341	12	G.L. 572'
Christa OII Co.	R. Chapman #5	330'S 330'E NWC NW NE	Robinson	10201	80	6.L. 527'
Christa 011 Co.	R. Chapman #6	350'N 350'E SWC NW NE	Robinson	10301	13	6.L. 573°
Christa 011 Co.	R. Chapman #7	370'S 330'W NEC NW NE	Robinson	10371	13	G.L. 574'
Christa OII ∞.	R. Chapman #8	330'N 330'W SEC NW NE	Robinson	10451	20	G.L. 5741
Christa OII Co.	R. Chapman #9	330'S 330'E NWC NE NE	RobInson	1037	70	6.L. 537°
Christa OII Co.	R. Chapman #10	330'N 330'E SWC NE NE	Robinson	10361	7	G.L. 573°
Christa OII Co.	R. Chapman #12	330'N 330'W SEC NE NE	Robinson	10401	4	G.L. 572'
Marathon Oil Co.	F. W. Lewis #28	Sec. 20 8N 12W 330'S 414'W NEC NW NE Sec. 31 8N 12W	Robinson	1072	1.2	G.L. 542'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY(contd.)						
Marathon 011 Co.	S. W. Lionberger #3	330 'N 385'E SWC SE SW	Robinson	10951	-	G.L. 546°
Billy R. Rector	Ikemire Heirs #4-A	330'N 360'W SEC NE SW	Robinson	1264	40	G.L. 550°
Lion, Land & Mineral, Inc.	McCoy-Ikemire #A-6	360'S 360'W NEC SE SW	Robinson	12851	80	G.L. 551'
Lion, Land & Mineral, Inc.	McCoy-Ikemire #A-7	330 N 330 E SWC SE SW	Robinson	1068	01	6.1. 551
Crete Oil Investment, Inc.	John Adkisson #2-A	Sec. 35 8N 13W 669'N 35'E SWC NE NE	Robinson	9501	40	G.L. 542'
Griffith & Spragains 011	Eugene Lockhart #1	Sec. 14 BN 14W 330'N 660'W SEC SW NW	St. Louis	24601	34	6.1. 528
Prod. & Hiland Oll Prod. Griffith & Spraggins Oll Prod. & Hiland Oll Prod.	Ralph Snider #1	Sec. 25 8N 14W 330'N 330'W SEC NW SW Sec. 35 8N 14W	McClosky	15731	8	6.L. 520° 5
CUMBERLAND COUNTY						
Henry Energy Corp.	Adam McClain #1	330'N 330'W SEC SW SE	Carper	39831	ω	6.1. 630'
J & J Production, inc.	WIII Bros. #1	Sec. 3 9N 7E 330'N 330'E SWc SW SW NE Sec. 31 9N 7E	McClosky	25061	9	G.L. 620'
EDGAR COUNTY						
Earnest Zink	Brinkerhoff #1	330'S 330'E NWC SE SE	Penn.	3451	Gas	G.L. 740°
Earnest Zink	Brinkerhoff #3	330'S 330'E NWC SW	Penn.	475'	Gas	6.1. 791
Earnest Zink	6111#1	330'N 330'E SWC	Penn.	310	Gas	6.1. 719'
Earnest Zink	6111 #2	Sec. 9 IZN I3W 330'N 990'E SWC	Penn.	310'	Gas	6.1. 7111
Earnest Zink	6111 #3	Sec. 9 12N 13W 330'N 330'W SEC NW SW	Penn.	3301	Gas	G.L. 720¹
Earnest Zink	Brinkerhoff #2	Sec. 9 12N 13W 330'S 330'W NEC Sec. 17 12N 13W	Penn.	3301	Gas	G.L. 690'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
EDSAR COUNTY(contd.)						
Dorothy A. Henigman	Brinkerhoff #6	660'S 330'E NWC NW NE Sec. 10 13N 13W	Penn.	4301	٤	6.1. 697'
EDWARDS COUNTY						
Hocking Oil Co., Inc.	Clyde Luthe.#1	330*N 330*W SEC NW SE	Salem	54141	12	G.L. 449'
Pendragon Oil & Gas, Inc.	Theima Worrell #2	330'N 330'W SEC SW NW	McClosky	33161	50	G.L. 432'
Puntney Engineering, Inc.	Robert Clodfelter #1-8	330'N 330'E SWC SE SW	Paint Creek	18601	36	G.L. 427'
Viking 011 Co.	Karl Keortge Etal #1	330'N 330'E SWC NE SW	Cypress	3180	20	6.L. 453'
Viking 011 ©.	Charles Maas #1-B	330'N 330'W SEC NW SW	Cypress	2920'	20	G.L. 458' 9
VIKING 011 Co.	Anderson Bros. #1-C	330'S 330'W NEC NW NE	Cypress	2960	45	G.L. 447'
Amosoii, Inc.	Koertge #2	330'S 330'E NWC NW SW SE	McClosky	32181	6	G.L. 484'
Big Basin Oil Co., Inc.	Russell Koertge #1	330 N 330 W SEC NE SW	Cypress	3152'	80	G.L. 449'
Blg Basin Oil Co., Inc.	Russeil Koertge #2	330'S 330'W NEC SW	Cypress	3202	Prod.	G.L. 481
H & H 011 ℃., Inc.	Schuler & Smith #3	330'N 330'E SWC NE NE	Cypress	29001	51	G.L. 439'
H & H OII ∞., Inc.	Schuler & Smith #4	330'S 330'E NWC NE NE	Cypress	28691	40	G.L. 467'
H 8 H 011 ∞., Inc.	Schuler & Smith #5	330'N 330'W SEC NW NE	Cypress	28681	40	G.L. 468'
H & H 011 Co., Inc.	Clodfelter #A-I	330'S 330'E NWC SE NW	Benoist	2906	40	G.L. 450'
H & H OII Co., Inc.	Clodfelter #A-2	330'N 360'E SWC SE NW	Benoist	28591	30	G.L. 441'
Puntney Engineering, Inc.	Clodfelter Etal Unit #2	330'S 380'E NWC NE NW Sec. 8 IN 14W	Cypress	28601	70	G.L, 430°

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FOWARDS COUNTY(confd.)						
Puntney Englneering, Inc.	Clodfelter Etal Unit #3	330'N 360'W SEC NE NW	Benolst	28851	26	G.L. 436'
Puntney Englneering, Inc.	Clodfelter Etal Unit #4	330'S 330'W NEC NW	Paint Creek	2000	20	G.L. 446'
H & H Oil Co., Inc.	Allen Hedrick #8	330'S 660'E NWC SW	Benolst	2920	2	G.L. 455'
Schlagel Oll Partnership	Gertrude Jibben #3	330'S 330'E NWC NE SW	Benoist	28601	47	G.L. 443'
Petrex Resources Co.	Bowen #1	330'S 330'E NWC SW SW	O'Hara	2978	132	G.L. 428'
R.E.A., Inc.	Floyd Knakmuhs #2	330'N 330'W SEC NW NW	0'Hara	2965	30	G.L. 418°
Big Basin Oli Co., Inc.	John Luther #2	330'N 630'E SWC NW NW	McClosky	32101	25	6.L. 506 'D.
W. H. Kinsell	Robert Stevens #7	330'S 610'E NWC NE NW	Benolst	2970	37	G.L. 490'
Bernard Podolsky	Judge "A" #2	330'N 330'W SEC NE SW	Benoist	3034	38	G.L. 503'
Greenline Oil Co., Inc.	Yokel Bros. #6	330'N 330'W SEC NE SE	O'Hara-McClosky	3370	20	G.L. 449'
Diamond Energy Co.	Bunting-Smith Comm. #1	330'S 330'W NEC SE NE	McClosky	3250	٣	G.L. 431'
McDowell Bros. 011 Co., Inc.	Phillip Colyer #1	330'S 330'W NEC NW SE	O'Hara	34501	103	G.L. 463'
McDowell Bros. 011 Co., Inc.	Phillip Colyer #2	330'N 330'W SEC NW SE	O'Hara	34301	17	G.L. 465°
McDowell Bros. 011 Co., Inc.	Phillip Colyer #3	330'N 330'E SWC NE SE	O'Hara	34351	76	G.L. 482'
McDowell Bros. 011 Co., Inc.	Kelsey-Plerce Unit #1	330'N 530'E SWC SE NE	O'Hara	34251	31	G.L. 470'
McDowell Bros. 011 Co., Inc.	Duane Longbons #1	330'S 330'E NWC NE SE	O'Hara	3400	68	G.L. 469'
Robert L. Runyon	Paul Malone #1	330 th 745 th SEC NW NE	McClosky	3981	21	G.L. 484'
Sylvan Stennett	Sylvan Stennett #3	Sec. 35 15 10E 330'N 330'W SEC NE SE Sec. 35 1S 10E	McClosky	34191	20	6.1. 519'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
EDWARDS COUNTY(contd.)						
D & K Oil Co., Inc.	Bunting Bros. #1	330'N 330'W SEC NW	Aux Vases	33651	Prod.	G.L. 512'
D & K 011 0., inc.	Smith Heirs Etal #1	400'N 330'E SWC NW SE	McClosky	4084	30	6.L. 5151
D & K 011 Co., Inc.	Yokel Bros. #1	330'S 330'E NWc SW SE	Aux Vases	41251	2	6.1. 503'
San-Mar Oil Corp.	Raleigh McKibben #2	330'N 660'E SWC NW NW	Benoist	3436'	70	G.L. 400'
John Prior	R. Hallam #1	330'N 330'W SEC SW SE	McClosky	33391	96	G.L. 443'
John Prior	Hallam Comm. #1	Sec. 32 23 10E 6601N 3301E SWC SE	Rosiclare	33401	53	G.L.445'
Superior 011 Co.	H.Earhart #7	330'S 330'W NEC NW NE	Biehl	4006	49	G.L. 500' 8
Paramount Oil & Gas Corp.	J. Hering #1-A	330'S 330'W NEC SE NE	Aux Vases	3200'	96	6.1. 4101
Paramount Oil & Gas Corp.	J. Hering #3-A	350'N 330'W SEC NE	Aux Vases	3197	15	G.L. 410'
Paramount 011 & Gas Corp.	J. Hering #5-A	Sec. 7 25 14W 330'S 990'W NEC SE NE	Aux Vases	3200	45	G.L. 404'
Paramount Oil & Gas Corp.	J. Hering #9-A	330'S 330'E NWC SW NE	Paint Creek	38501	34	G.L. 404'
Sloss 011 Co.	Amy Shaw #1	Sec. 7 2S 14W 330'S 330'E NWC NE	Benoist-Rosiciare	31011	0	G.L. 400'
Maybe Oil, Inc.	Milton Wood #5	330'S 330'W NEC SE SW	Benoist	32001	09	G.L.409'
McDowell Bros. 0il Co., Inc.	Ruby Gaines #2	330'S 330'W NEC NW NW	Aux Vases	3145"	28	6.1. 412'
Heflin Oil ∞.	Michels #3	Sec. 20 25 14W 330'S 660'W NEC	McClosky	3304	45	G.L. 4131
W.Larry McCarty	Woodrow Carter #1	330'S 330'E NWC SE SW	Benoist	3235'	01	G.L. 440'
French Creek Co.	Fleber W-#10	350'N 350'E SWC NE SE	Benoist	31091	40	G.L. 438'
French Creek Co.	Fleber W-#13	360, 12 35 10E 330'N 330'W SEC NE SE Sec. 12 35 10F	Cypress	3006	35	G.L. 461'

	PROI	PRODUCING WELLS COMPLETED IN 1985				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
EDWARDS COUNTY(contd.)						
French Creek Co.	Fleber #14-W	330'S 330'E NWC SE SE	Cypress	30981	35	G.L. 427'
French Creek Co.	Fleber W-#15	550'N 530'W SEC NE NE	Aux Vases	3184	9	G.L. 514'
French Creek Co.	Fleber W-#16	330'S 330'W NEC	Cypress	42731	35	G.L. 488'
French Creek Co.	Fleber M-#17	330'S 330'W NEC SE NE	Aux Vases	3370'	9	G.L. 484'
Superior 011 Co.	Harry Schmittler #4	390'S 330'W NEC NW	Aux Vases	3165	m	G.L. 498'
Superior 011 Co.	H. Schmittler #9	330'N 330'E SWC NW SW	Aux Vases	3150	91	G.L. 463'
Superior OII Co.	H. Schmittier #10	330'S 330'E NWC SW	Renault	3160	ß	G.L. 494' 5
Koontz Services, Inc.	Rankin #6	330'S 380'W NEC SE SE	Warsaw	42001	53	G.L. 425'
Maybe 011, Inc.	Selfried #1	350'N 330'E SWC N# SW Fr. Sec. 18 3S 14W	Rosiciare	32501	65	G.L. 402'
EFFINGHAM COUNTY						
McKinney Oil Producer, Inc.	Bannick #1	330°S 330°W NEC SE NW	Rosiciare	28881	80	G.L. 576'
Ogoco, Inc.	Wachtel-Reed #4	Sec. 10 bn /e 330'n 330'E Swc Sec. 7 8N 4E	Sylamore	3120	40	G.L. 600'
FAYETTE COUNTY						
Louisiana Land & Exploration	D. J. isbell #1	330°S 400°E NWC SW SW	Carper	3650	9	G.L. 576'
Accidental Oil Prod., inc.	Burton #1	350'S 350'E NWC SW	Benoist	2352'	7	6.1. 566'
Accidental Oll Prod., Inc.	Marshall-Guy #1	280'N 330'W SEC SW NW	Benoist	23521	39	G.L. 565'
Accidental Oll Prod., Inc.	Marshall-Guy Comm. #2	Sec. 13 3N 4E 280'N 196.6'W SEC SW SW NW Sec. 13 5N 4E	Beno!s†	2576	'n	6.1. 567'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FAYETTE COUNTY(Contd.)						
Marathon 011 Co.	Jeremlah Swarm #19	380'S 350'W NEC SE	Carper	3140	46	6.L. 586¹
Moroco, Inc.	Dorothy Lewis E-2	330'S 330'E NWC SE SW	Carper	31211	14	6.L. 595'
Exxon Oorp.	Florence Durbin #12	1000'N 660'W SEC SE NE	Weller	1759	14	G.L. 594'
Exxen Corp.	Ramsey-Hopper #10	120'S 690'W NEC SE SW	Cypress	1695	162	6.1. 605'
Exxon Corp.	Irvin Hobbs #19	350'S 350'E NWC NE	Aux Vases	17591	4 .	6.L. 602°
Exxon Corp.	George Paslay #6	120'S 70'W NEC SE SW	Weller	17291	-	G.L. 534'
Koons Petroleum Enterprises	F. F. Yakey #11	42015 5401W NEC NW SE	Beno1s†	15601	Prod.	6.L. 586' E
Koons Petroleum Enterprises	F. F. Yakey #12	660'S 330'E NWC SE	Beno1s†	15951	Prod.	6.1. 584'
Exxon Corp.	Mahutska-Griffith #4	330'S 330'E NWC SE	Bethel	1742	6.5	6.1. 580'
Exxon Corp.	Emma McCormick #17	660'N 660'E SWC NE	Bethel	1760'	9	6.L. 589'
Exxon Corp.	Thomas MIIIs #9	660'S 800'W NEC SE NE	Bethe!	1780	30	G.L. 587'
Exxon Corp.	Roy Doty #6	670'S 710'E NWC SE SE	Bethel	17791	12	G.L. 554'
Exxon Corp.	Exxon Fee "Q" #9	660'S 660'E NWC SW SW	Aux Vases	17661	6	6.L. 599¹
Exxon Corp.	Guy Phillips #3	606'N 660'E SWC SE NW	Aux Vases	1770	01	G.L. 604'
Exxon Corp.	Minnie Doty #7	552'S 660'W NEC Fr. SW NW	Aux Vases	17651	22	6.1. 603'
Exxon Orp.	F. P. Sinciair #13	68'N 660'E SWC Fr. NW NE	Aux Vases	1766	30	G.L. 617"
Exxon Corp.	James W. Miller #3	Sec. 2 8N 3E 660¹N 660¹W SEc	Paint Creek	17721	7	6.L. 607'
Exxon Corp.	Robert Fortner #5	Sec. 9 8N 3E 375'N 330'E SWC SE NE Sec. 10 8N 3E	Aux Vases	1770	16	6.1. 619'

OPEKATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FAVETTE COINTY(Contd.)						
Exxon Corp.	Bob Fortner #13	720'N 0'W SWC NE SE	Paint Creek	1774	72	6.1.620'
Lowell Redman	Lancaster Heirs #2-A	Sec. 10 8N 3E 380'N 330'W SEC NE NW	Aux Vases	17821	55	6.L. 612'
Exxon Corp.	T. N. Logsdon #14	Sec. 10 8N 3E 30'N 660'E SWc SE SE	Aux Vases	17551	4	G.L. 586'
Exxon Corp.	William Holley #6	Sec. 10 8N 3E 685'S 550'W NEC SE NE	Paint Creek	17581	38	G.L. 555'
Exxon Corp.	Richard Larimore #17	Sec. 11 8N 3E 660'S 660'E NWC SE SW	Bethel	1764	2	G.L. 549'
Exxon Corp.	Robert Matson #6	Sec. 11 8N 3E 660'S 620'W NEC SE	Paint Creek	17651	<u>o</u>	6.1. 535'
Exxon Corp.	Matson-Reed #8	Sec. 11 8N 3E 445'S 1320'E NWC SE	Paint Creek	11771	9	G.L. 534' I
Exxon Corp.	Roy Doty #5	Sec. 11 8N 3E 585'S 795'E NWC NE NE	Bethel	17831	12	G.L. 594'
Exxon Corp.	Drees-Willer #3	Sec. 12 8N 3E 660'S 660'W NEC NW NE	Aux Vases	17681	20	6.L. 5311
Exxon Corp.	Exxon Fee "Q" #8	Sec. 12 8N 3E 660'S 660'E NWC NE NW	Aux Vases	1771	20	G.L. 545'
Exxon Corp.	David Doty #4	Sec. 12 8N 3E 330'N 330'W SEC NE	Bethel-Weiler	1724	10.	G.L. 594'
Exxon Corp.	Ben Kagay #3	Sec. 14 8N 3E 660'N 660'W SEc	Bethel	17681	13	6.L. 599'
Exxon Corp.	Lemuel Lilly #3	Sec. 14 8N 3E 330'S 330'E NWC SW SE	Weiler	1625	60	G.L. 572°
Exxon Corp.	Lemuel Lilly #6	Sec. 14 8N 3E 560'N 120'W SEC SW	Aux Vases	17621	15	G.L. 545'
Exxon Corp.	Lemuel Lilly #7	Sec. 14 8N 3E 610'N 660'E SWc SE	Aux Vases	1758	20	G.L. 543'
Exxon Corp.	Ada Clow #6	Sec. 14 8N 3E 330'N 330'W SEC SW NE	Aux Vases	1764	62	6.1. 533'
Exxon Corp.	J. G. Main #14	Sec. 15 8N 3E 660'N 75'W SEc	Aux Vases	17551	2	6.L. 601'
Exxon Corp.	J. G. Main #15	Sec. 15 8N 3E 1240'N 660'W SEC	Bethel	17551	5	6.L. 602°
		36C* 12 0N 2E				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FAYETTE COUNTY(contd.)						
Exxon Corp.	Cilnton Miller #5	585*N 660*W SEC NE	Bethel	1755	9	G.L. 627'
Exxon Corp.	Iva Miller #3	560'S 660'W NEC	Paint Creek	16941	7	G.L. 614'
Exxon Corp.	Tom Wright #20	350'S 350'E NWC SE SE	Bethel	17651	22	6.L. 597
Exxon Corp.	Tom Wright #21	56C, 20 8N 3E 660'S 660'E NWC NW SE	Renault	17021	56	6.L. 530°
Exxon Corp.	M. Williams #11	50'N 685'W SEC NE NE	Paint Creek	17761	01	G.L. 594'
Exxon Corp.	Grace Durbin #3	660'N 660'W SEC NE NE	Bethel	1776	25	G.L. 608'
Exxon Corp.	W1111e Logue #7	660'S 710'E NWC NE SW	Aux Vases	1763	22	6.L. 536' N
Exxon Corp.	Wille Logue #8	20'N 660'E SWC SE SW	Bethel	1361	61	6.L. 539¹
Exxon Corp.	Willie Logue #9	120'S 660'W NEC SE SW	Bethel	1774'	14	6.1. 563'
Exxon Corp.	Jacob Rhodes #3	640'N 730'E SWC NE NW	Bethei	17531	7	G.L. 600°
Exxon Corp.	H. O. Lewis #10	560, 23 6N 3E 660'S 660'W NEC SW NE	Bethel	17701	01	6.L. 609'
Exxon Corp.	Anna Tucker #8	660'N 660'W SEC	Cypress	1770	80	G.L. 531'
Exxon Corp.	Fred L. Brown #12	560°S 660°W NEC	Cypress	1761	35	6.L. 606'
Exxon Corp.	Fred L. Brown #13	1270'S 740'W NEC EN NE	Weller	17351	45	G.L. 607'
Exxon Corp.	Mary Blurton #14	575'N 285'W SEC NE NW	Paint Creek	1770,	33	G.L. 598'
Exxon Corp.	E. C. Goetting #16	330'S 480'E NWC	Weller	17631	0	6.1. 603'
Exxon Corp.	E. C. Goetting #17	Sec. 32 8N 3E 405'S 175'E NWC NE NW	Weller	1715	_	6.L. 595'
		Sec. 32 dN 35				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FAYETTE COUNTY(contd.)						
Exxon Corp.	Henry Tucker #5	3301S 3301W NEC SE	Weiler	17801	10	6.L. 600°
Exxon Corp.	Jack Dial #5	Sec. 32 8N 3E 660'N 660'E SWC NW	Aux Vases	1760	25	G.L. 604'
Exxon Corp.	S & O Buzzard #3	Sec. 34 8N 3E 760'N 735'W SEc SW SW Sec. 35 9N 3E	Aux Vases	1740	32	G.L. 602'
FRANKL IN COUNTY						-
Dwight Brehm Resources	Slamans "A" #1	330'N 660'W SEC NE NW	Warsaw	4030	21/2	G.L. 490'
H & W OII Co., Inc.	Carraher #4	330'N 700'W SEC SW	Salem	3675'	88	G.L. 450'
H & W 011 Co., Inc.	Robert HIII #2	300'S 600'E NWC SE NE	Salem	3750	-	6.L. 442' E
DeMier 011 Co.	Wilcox-Whittington #3	660'N 330'W SEC SW SE	Salem	3750	32	G.L. 487'
H & W 011 Co., Inc.	Jones #3	360'S 330'E NWC	Devonian	4690	4.5	G.L. 459'
James L. Jobe	Smith-Jones #1	725'S 330'W NEC SW	Salem	4755	81	G.L. 4711
H & W 011 Co., Inc.	Adams #10	330'S 1526'W NEC NW	Hardinsburg	37001	24	G.L. 444'
H & W OII Co., Inc.	P1ckens #22	507'N 330'W SEC NE	Salem	3680	70	G.L. 4511
H & W OII Co., Inc.	Pickens #23	350'S 780'E NWC	Devonian	46601	220	G.L. 435'
H & W 011 Co., Inc.	Whittington So Steel Lake	350'S 480'E NWC NE NE	Salem	4675	79	G.L. 452'
0.D.&E. Corp.	Uni+ #! M. Bowman #!	330 th 474 E SWC NW NE	Aux Vases	2855	47	G.L. 452'
O.D.&E. Corp.	C. Richardson #1	Sec. 31 55 5E 460'N 330'W SEC NW NE	Paint Creek	2840	15	G.L. 452'
S. C. Vaughan Prod. Co.	Glbbs #1	Sec. 31 33 3E 330'N 660'W SEC Sec. 13 5S 4E	St. Louis	36501	91	G.L. 446°

OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАТ	EST. IP DAILY-BBLS.	ELEVATION
FRANKL IN COUNTY (Contd.)						
Benz Oil Co.	Webb Etal #2	330'N 330'E SWc	Aux Vases	30301	٣	G.L. 462'
Farrar Oil Co., Inc.	Korin #4	Sec. 1 65 1E 405'S 230'E NWC SE NE	Devonian	44651	48	G.L. 465'
Demier Oil Co.	U. S. Steel #1	330'N 330'W SEC NW NW	Warsaw	39151	114	G.L. 397'
Dwight Brehm Resources	Dillon-U.S. Steel #1	330'N 330'E SWC NE SE	Warsaw	39561	57	G.L. 430'
Dwight Brehm Resources	Otterson-U.S. Steel #1	330'N 330'E SWC SE SE	Warsaw	39901	74	G.L. 446'
Dwight Brehm-Resources	Dillon-U. S. Steel #2	330'N 330'E SWC SE NE	Warsaw	39521	61	G.L. 422'
Demier 011 Co.	U. S. Steel #3	330'S 330'W NEC NW NW	Warsaw	39251	185	G.L. 400'
Dwight Brehm Resources	Lane-U.S. Steel #B-4	990'S 330'W NEC SW NW	Warsaw	39351	370	6.L. 396'
Dwight Brehm Resources	Lane-U.S. Steel #8-5	350'S 660'W NEC SW NW	Warsaw	39331	001	G.L. 397'
Rave Energy	Manis #3	330'N 330'E SWC	Rosiclare	33301	15	G.L. 496'
Wiser Oll Co.	Peabody Coal Co. #1	Sec. 36 6S 4E 740'N 330'W SEC NW NE	Warsaw	43461	7	G.L. 401
Budmark Oil Co.	Carney Trust #1	55c. 16 /5 5E 538'S 423'W NEC	Aux Vases	31301	70	6.L. 4121
Budmark 011 Co.	Carney Trust #2	5ec. / /5 4E 530'S 990'W NEC	Aux Vases	29791	69	G.L. 412'
Budmark Oil Co.	Bennett Trust #1	330'S 330'E NWc SE	Aux Vases	31711	95	G.L. 4331
Budmark Oil Co.	Bennett Trust #2	990'S 990'W NEC NW SE	Aux Vases	30801	45	G.L. 427'
Benton Oil Production, Inc.	Davis #1	350'N 330'E SWC SW NE	Aux Vases	32301	57	6.1. 453'
Benton Oli Production, Inc.	Davis #2	990'N 704'E SWC NE	Salem	3201	Prod.	G.L. 454'
Budmark Oil Co., Inc.	Midyett #2	Sec. 8 75 4E 3301S 3301W NEC SE NW Sec. 8 7S 4E	Aux Vases	1902	143	G.L. 444'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FRANKLIN CO. (contd.)		WN BN CEC MICE	Aux Vases	3144'	120	G.L. 451'
Budmark 011 Co., Inc.	Midyett #4	Sec. 8 75 4E	Salem	38101	20	G.L. 474'
Farrar Oil Co., Inc.	Mabel Berry #2	אָ נְ	Aux VAses	3240'	133	G.L. 475'
Triple "B" Oil Producers, Inc.	Eaton #3	, h	Aux Vases	32361	72	G.L. 479'
Triple "B" 011 Producers, Inc.	Eaton #4	, ,	St. Touls	3484	30	G.L. 477'
William G. Beaven	Todd #1	330'S 330'E NWC SE SE Sec. 13 7S 4E	•			
						11
GALLATIN COUNTY		an and and an and an an an an an an an an an an an an an	Aux Vases	31301	15	G.L. 419' 5
Rave Energy Corp.	Healy #1	550'N 550'W SEC NW NE Sec. 23 75 8E	Aux Vases	3060	78	G.L. 416'
Rave Energy Corp.	Healy #3	330'N 330'W SEC NE NW Sec. 23 7S 8E	O'Hara	2990	30	G.L. 416'
Rave Energy Corp.	Price #2	ž ú	O'Hara	30501	0	G.L. 409'
Rave Energy Corp.	Tarrant-Minor #1	7	Aux Vases	3021	30	G.L. 419'
Rave Energy Corp.	Blades #2	Sec. 24 75 8E	Penn.	3881	4	G.L. 356'
Jake Patton	Jake Patton #1	Sec. 34 7S 8E	Penn.	4004	2	G.L. 362'
John Jake Patton	Jake Patton #A-1	5 3	Penn	402	'n	G.L. 358'
John Jake Patton	Jake Patton #2		- God	4151	2	G.L. 356'
John Jake Patton	Jake Patton #A-2	330'N 380'W SEC SW SW Sec, 34 75 8E	Aux Vases	3100	38	6.1. 387'
Greater Mid-West 011 Co.	Edwards #2	330'N 330'E 3WC NE Sec. 25 75 9E	Ter Sorlogs	2650	30	G.L. 3811
George N. Mitchell	T. H. Boyd Comm. #1	330'N 330'E SWC SE NE Sec. 27 7S 9E	5			

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
GALLAT IN COUNTY (contd.)						
George N. Mitchell Prod. Co.	T. H. Boyd Comm. #2	330'S 330'E NWC SE NE	Tar Springs	26601	50	6.L. 381'
Robinson Engineering	Robert Wilson #2-A	330'S 330'E NWC NE SE	Palestine	26801	20	G.L. 381'
Robinson Engineering	Robert Wilson #4	350'N 330'E SWC SE	Tar Springs	23801	24	6.1.386
Robinson Engineering	Marshall Wiseheart #3	330'N 330'E SWC NE	Tar Springs	23101	50	G.L. 3811
Robinson Engineering	Marshall Wiseheart #5	330'N 330'W SEC SW NE	Tar Springs	2650	80	6.L. 381'
Robinson Engineering	Sanders Heirs #1	330'S 330'W NEC SE NW	Cypress	2734	33	G.L. 381'
Robinson Engineering	Sanders Heirs #2	330'N 330'W SEC NE NW	Tar Springs	27001	205	G.L. 389' E
Robinson Engineering	Sanders Heirs #3	330'S 330'W NEC NE NW	Tar Springs	24051	210	G.L410*
James L. Browning	Salb Etal #2	330'N 330'E SWC NE SW	Tar Springs	2120	25	G.L. 255'
Greater Mid-West Oil Co., Inc.	Chapman Etal #1-A	380'S 330'W NEC SE NE	Penn.	12001	21	6.L. 356'
L & J Oll & Gas, Inc.	John Rodville #3	330'N 330'W SEC SE NW NW	Aux Vases	2920	165	G.L. 389'
R. H. Hoover	Wiggins #2	330'S 330'W NEC	Penn.	1111		G.L. 388'
Richard W. Beeson	Forrest Wood #7	350'S 330'W NEC SE NE	Penn.	5441	6	G.L. 373'
Richard W. Beeson	Forrest Wood #8	330'N 330'W SEC SE NE	Penn.	5441	9	6.1. 370'
Shakespeare Oil Co., Inc.	R. J. Moye #1	330'N 330'W SEC SW NE	Hardinsburg	2978	15	G.L. 384'
Farmers Crude Prod. Co.	Lane Foster #1	330'N 330'E SWC NW SW	Waltersburg	2828	7	G.L. 473'
Robinson Engineering	Jonathan Cox #1	330'S 330'E NWC SW NE	Cypress	31001	12	G.L. 376'
Robinson Engineering	Cox Uni+ #1	Sec. 15 85 9E 330'S 330'W NEC SE NW Sec. 16 8S 9E	O'Hara-Tar Springs	31401	20	6.1. 377'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL DEPTH	EST. IP DAILY-BBLS.	ELEVATION
GALLATIN COUNTY(contd.)						-
Shakespeare Oll Co., Inc.	Curtis Bradiey #1	480'S 330'W NEC SE SW	Cypress	2716'	21	G.L. 376'
Shakespeare OII Co., Inc.	Charles Hish #4	330'S 380'E NWC SW SE	Cypress	2719	53	G.L. 375
Shakespeare Oll Co., Inc.	J. A. Moye #2	330'N 330'E SWC SE	Cypress	'2723'	116	6.L. 374'
Farmers Crude Prod. Co.	WIIson #I-A	350'S 350'E NWC	Rosiciare	3202	4	G.L. 377'
E. S. Investments, Inc.	Maloney #1	350'N 350'E SWC NW NW	Cypress	29491	60	6.L. 382'
George N. Mitchell Drig.Co.	Downen #3	350'S 330'W NEC NW SW	Cypress	28501	14	G.L. 344'
Farmers Crude Prod. Co.	WIIson #10-B	330'N 330'W SEC NE NE	Waltersburg	2780	15	G.L. 364' 11
Strata Oll, Inc.	Cilfford Richeson #1	330'N 350'W SEC NW NE	Aux Vases	11572	12	G.L. 4631
Strata OII, Inc.	Clifford Richeson #2	330'S 330'E NWC SW NE	Aux Vases	2751	01	G.L. 3621
E. S. Investments, Inc.	Austin Heirs #2	330'N 330'E SWC	Aux Vases	28351	6	G.L. 348'
E. S. Investments, Inc.	Scates #2	350'S 350'E NWC NE Sec. 10 9S 10E	McClosky	2902	32	G.L. 349'
HAMILTON COUNTY						
HeflIn 011 ∞.	Yarnell #1	330'S 330'W NEC SE NW	Aux Vases	3242'	_	6.L. 3911
J. D. Turner	Miller Etal Comm. #2	330'S 330'E NWC SW NW	Aux Vases	33481	40	G.L. 449'
S & W 011 Co.	C. M. Johnson #5	560°N 560°W SEC NW	Salem	42301	91	6.L. 556'
Richard W. Beeson	John W. Warren Comm. #1	330'S 330'W NEC SE	Aux Vases	3146'	20	G.L. 416'
DeMier Oil Co.	York-DeMier #1	350'N 330'E SWC NW SE Sec. 33 6S 5E	Aux ·Vases	3550'	30	G.L. 489'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
HAMILTON COUNTY(contd.)						
Farrar 011 Co., Inc.	Hartman #2	330'N 330'W SEC SW SW	Aux Vases	32231	8	G.L. 499'
Farrar Oll Co., Inc.	Hartman #3	330'S 330'W NEC SW SW	Aux Vases	3240	6	G.L. 501'
Farrar 011 Co., Inc.	Stanley Smith #1	330'S 330'W NEC NE NW	Aux Vases	3460	65	6.L. 501'
Brown Enterprises	Barton #1	330'N 330'E SWC NE SE Sec. 17 75 6E	McClosky	4361	15	6.L. 406'
JACKSON COUNTY						
Pawnee Oll Corp.	Welss #4	330'N 330'W SEC NE NW Sec. 11 6S 2W	Devonian	3335'	15	6.L. 440*
JASPER COUNTY						
Watch It 011 Corp.	W. Workman #2	330'N 330'W SEC SW SE	Cypress	30001	0	G.L. 488'
Gulf Coast Exploration, Inc.	E. Eberhardt #3	330'N 330'E SWC	Rosiciare	3720	64	G.L. 543'
Elmore Oll, Inc.	81rk #1	330 1N 350 E SWC NW NE	McClosky	3187	36	G.L. 528'
0. D. & E. Corp.	J. Gillespie Etal #1	330'N 330'W SEC SW NW	McClosky	3097	171	6.L. 531°
0. D. & E. Corp.	Slack-Schackman Comm. #1	330'S 660'E NWC NW NW SW	McClosky	31021	336	6.1. 528'
0. 0. & E. Corp.	Slack-Schackman #2	330'N 660'W SEC NW SW	McClosky	3084	157	G.L. 524'
0. 0. & E. Corp.	W. Stark #1	330'S 360'E NWC NE SW	McClosky	30781	09	G.L. 518'
Gulf Coast Explorations	J. Jourdan #1	330'S 330'E NWC	Rosiciare	3729	42	G.L. 5391
Elmore Oll, Inc.	Freda M. Poe #2	350'S 330'W NEC NW SE Sec. 12 5N 9E	St. Louis	35581	45	6.L. 523'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
JASPER COUNTY(contd.)						
Union Oil Co. of California	W. S. Rotramel #4	330'S 990'E NWC SW SE	Devonian	46201	131	G.L. 494'
Union Oil Co. of California	Lill Hall #6	Sec. 8 SN 10E 330'N 990'E SWC SW NW SW	Salem	34111	89	G.L. 492'
Union Oil Co. of California	I. W. Dickerson #B-6	530'S 530'E NWC	Salem	3410'	81	G.L. 494'
Union Oil Co. of California	Dickerson Cons. #3	Sec. 20 5N 10E 990'S 360'W NEC NW	McClosky	29001	20	G.L. 480°
Gulf Coast Explorations, Inc.	S. Duckwitz #4	330*N 330*E SWC SE NE	Rosiciare	32761	78	G.L. 490°
Gulf Coast Explorations, Inc.	Dorothy Ochs #1-A	660'S 330'W NEC SW NE	Salem	3270'	159.	G.L. 498'
Gulf Coast Explorations, Inc.	Dorothy Ochs #2-A	350'N 350'E SWC SW NE	Salem	33061	81	6.L. 503' 51
Gulf Coast Explorations, Inc.	N. Sheridan #7	330'N 330'E SWC NW SW	Salem	33421	~les	G.L. 490°
Parrish Oil Prod., Inc.	Marion Keller #6	330'N 330'W SEC SW NE	Salem	3298	09	G.L. 501'
Parrish Oil Prod., Inc.	W111 #2	330'S 330'E NWC NE SE	Salem	32941	40	G.L. 489°
St. Pierre Oil Co.	B. J. Ochs #6	330'N 330'E SWC NE SE	Salem	32851	81	6.L. 507°
Ullin Corp.	Florence Eubank #1	330'S 330'E NWC SE NE	McClosky	2661	80	6.L. 5011
Parrish Oil Prod., Inc.	Beard #2	330°S 330°W NEC SE SE	McClosky	28151	105	G.L. 563'
Rom-Oil Ltd.	H. Romack #1-D	330'N 330'W SEC NW SE	McClosky	28231	2	6.L. 556'
Robert L. Runyon	Hamilton-Frichtl Unit #1	330°S 330°W NEC	McClosky	28851	91	G.L. 545'
Griffith & Spraggins Oil	Weddell-Mangus #1	350'S 330'E NEC NW NW	McClosky	2520	31	G.L. 530°
Prod. & Hiland Oil Prod. Hannaman Bros. Prod., Inc.	Carl Burton #5	330'N 330'E SWC NW SE	McClosky	2775	īC	G.L. 5471
F. M. Minor Drig. Co.	F. Cox #4	Sec. 5 /N 10E 330'N 330'W SEC NW SW Sec. 13 7N 10E	McClosky	25851	9	G.L. 530'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
JASPER COUNTY(contd.)						
F. M. Minor Drig. Co.	Parr-Stretcher Comm. #1	330'S 660'W NEC SE	McClosky	25861	52	6.L. 531'
Hannaman Bros. Prod., Inc.	L. Short #1-A	660'N 330'W SEC SW NE	McClosky	26631	21	G.L. 532'
Robert L. Runyon	W. King #I	350'S 430'E NWC	McClosky	28881	12	G.L. 546'
Black & Black Oil Co.	E. Brooks #1	330'N 330'E SWC Fr. SW	McClosky	2430'	=	G.L. 528¹
Black & Black Oil Co.	Dickey #1	330'S 990'E NWC NW NW Fr. NW	McClosky	2425	40	G.L. 527'
Edward C. Koch	Fitzmaurice #3	330'S 330'W NEC NW NE	Rosiciare	25191	45	G.L. 504'
Parrish Oll Prod., Inc.	Balley #2-A	330'S 330'W NEC NW NE SW	McClosky	21481	15	6.1. 536' 55
Hannaman Bros. Prod., Inc.	Johnson-McCall Comm. #1	330°S 330°W NEC NE SW NW	McClosky	2010	70	G.L. 523'
Black & Black 011 Co.	R. Leffler #1	330'S 330'W NEC NE NW NW	O'Hara	19461	149	6.L. 521'
Black & Black Oil Co.	R. Leffler #2	380'N 330'W SEC NW NW	O'Hara	19451	282	G.L. 516'
Black & Black Oil Co.	R. Leffler #3	350'S 330'W NEC NE SE NW	O'Hara	19581	٣	G.L. 514'
Black & Black Oil Co.	Lewis #2	3301S 3801E NWC NE NW	O'Hara	19481	353	6.1. 513'
Parrish Oll Prod., Inc.	Sandra Nichols #1	990'N 330'W SEC SW	McClosky	22441	15	6.1. 524'
Parrish Oil Prod., Inc.	Vance #1	350'S 350'E NWC NE SE	McClosky	2140'	22	6.1. 520'
Parrish Oil Prod., Inc.	Vance #2	330'S 330'E NWC SW SE	St. Louis	22091	7	G.L. 520'
Black & Black 011 Co.	A. Watt #6	330'S 330'W NEC SW NE	McClosky	33751	٣	6.1. 516"
Robert L. Runyon	James Sears #1	330°S 330°E NWC SW SW	McClosky	2126'	35	G.L. 499'
Marion Partlow Oil Prod., Inc	Michi #2	350'S 350'E NWC SE SE Sec. 32 8N 10E	McClosky	2750'	23	G.L. 549'

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OPERATOR	WELL NAME	LOCATION	FORMATION	DEPTH	DAILY-BBLS.	
Jasper County(contd.)		TENTIN GEOTW SEC SE SE	McClosky	18731	28	G.L. 567'
Energy investments	M. Huddlestun #1	, ,		2170	_	G.L. 560*
Griffith & Spraggins 011	Huddleston Heirs #6	330'S 330'E NWC SE SW	MCC103Ky			
Prod.& Hiland Oil Prod., Inc.	E. Clark #1	330'N 330'W SEC NE	Rosiclare	2649	ς,	G.L. 537'
depoint the life transfer	John Bernbower #1	Sec. 31 8N 11E 330'N 330'E SWc SE	McClosky	20481	65	G.L. 554'
Dedica circi gy corp.	John Bergbower #2	Sec, 18 BN 14W 330'S 660'E NWC SW SE	McClosky	2105	175	G.L. 554'
Dealca Energy colp.	Don Frich+  #[	Sec. 18 8N 14W 330'N 660'W SEc SE SW	McClosky	18401	40	G.L. 554
Prod.& Hiland Oil Prod., Inc.	100 A::1+ #5	Sec: 18 8N 14W 330*N 660*W SEC NE NW	McClosky	18761	80	6.L. 552' E
Prod. & Spraggins of Prod., Inc.	C W S S S S S S S S S S S S S S S S S S	Sec. 19 8N 14W 330'S 330'E NWC NE	McClosky	18251	40	G.L. 5591
John Prior	Timeskor #2	Sec. 19 8N 14W 330'N 330'W SEC NW NE	McClosky	1800	09	G.L. 540*
John Prior	## 10000 mm	Sec. 19 8N 14W 330'N 330'E SWC NW SW	O'Hara	17501	01	6.L. 533*
Black & Black Oll Co.	i anghai i	Sec. 21 8N 14W 330'N 330'E SWC SE	McClosky	14901	31	6.L. 530°
Rom-Oil, Ltd.	- # HDIII	Sec. 22 8N 14W	Rosiciare	19381	84	G.L. 535'
Parrish Oil Prod., Inc.		3	McClosky	13661	89	G.L. 534'
Marion Partlow Oil Prod., Inc.			McClosky	19251	185	G.L. 5311
Marion Partlow Oil Prod., Inc.		Sec. 30 8N 14W	Rosiciare	2007	7	G.L. 533'
Parrish Oil Prod., Inc.	Don Frichti #1		Rosiclare	16791	2	G.L. 540°
Parrish Oil Prod., Inc.	Donald Frichill #2	Sec. 30 8N 14W 330°N 600°W SEC SW NE	McClosky	19051	٣	G.L. 536'
Parrish Oil Prod., Inc.	Bergbower #5	Sec. 30 8N 14W 330'N 330'W SEC SE SE	Salem	19851	145	G.L. 526'
		Sec. 31 8N 14W	٠			

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
JASPER COUNTY(contd.)				4-5,000		
Parrish Oil Prod., Inc.	Bergbower #6	330'S 330'W NEC NE SE SE	Rosiclare	1967	811	G.L. 524'
Parrish Oil Prod., Inc.	Bergbower #7	330'S 330'W NEC SE NE SE	McClosky	16261	140	6.1. 521'
Parrish Oil Prod., Inc.	Bergbower #8	330'S 330'W NEC SW SE	Rosiclare	19861	270	6.1. 5301
Marion Partlow Oil Prod., Inc.	Orell Farley #1	3301N 3301W SEC NE	McClosky	19741	260	6.1. 528'
Marion Partlow Oil Prod., Inc.	Orell Farley #2	3301N 3301E SWC SE NE	McClosky	23341	432	6.1. 528'
Marion Partlow Oil Prod., Inc.	Orell Farley #3	330'N 330'W SEC NE SW NE	McClosky	18631	284	6.1. 530'
Knierim Co., Inc.	Fischer #i	330*N 330*W SEC SE SW NE	McClosky	2025	168	6.1. 532' 22
Ledder Exploration, Inc.	Fricht! #1	330'N 330'W SEC NE NW	McClosky	1960	120	G.L. 534'
Knierim Co., Inc.	Huddleston #1	330 N 330 W SEC NE NE	McClosky	10261	845	6.L. 529'
Jasper Oil Producers, Inc.	Johnson Comm. #3	330'N 330'W SEC NW	McClosky	19841	144	6.1. 538'
Knierim Co., Inc.	Martin Etal #1	330'S 330'W NEC SE	McClosky	1 297	160	6.1. 527'
Knierim Co., Inc.	Martin Etal #2	330'S 330'E NWC NE NW SE	McClosky	2008	091	G.L. 528'
W. L. Dillier	Martin-Ragon #1	330'S 330'W NEC NE SE NW	McClosky	2025	Prod.	G.L. 535'
W.L. Dillier	Huddleston #2	330'S 530'W NEC NE SW SW	McClosky	19551	001	G.L. 521'
James M. Spraggins	Gene McCoy #2	330 N 330 E SWC SE SW	McClosky	19451	85	6.1. 525'
James M. Spraggins	R. McCoy #2	330'N 330'E SWC SE	McClosky	18951	210	G.L. 525'
Griffith & Spraggins 011	Rhoda K. Mendenwald #1	330'N 330'E SWC NE SW	McClosky	19251	238	G.L. 530¹
Knierim Co., Inc.	Wendell Purcell #1	350'S 330'E NWC NW NE NW Sec. 32 8N 14W	McClosky	19851	011	G.L. 527'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
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JASHER COUNTYCONTO.					, c	1000
Knierim Co., Inc.	Zella Purcell #2	3301S 3601E NWC NW NW NW Sec. 32 8N 14W	McClosky	. 8751	/57	ا د، د، عده
Knierim Co., inc.	Billy & Wilma Spencer #1	330'N 330'W SEC SE NW SW	McClosky	19221	372	6.L. 517'
Knierim ⊙., inc.	Billy & Wilma Spencer #2	330'N 330'E SWC NW SW	McClosky	2005	504	G.L. 524'
William R. Nuxoll	Jerold & Pamela Huddleston #1	990'N 330'E SWC NW Sec. 33 8N 14W	McClosky	10061	01	6.1. 502'
JEFFERSON COUNTY						
Nelms Bros. 011 Properties	Cameron #1	330 'N 660'E SWC NW NE	McClosky	24991	40	6.L. 536' E
Nelms Bros. 011 Properties	Cameron #2	330'S 660'E NWC NE	Rosiclare	2470'	10	6.L. 555' W
John Prior	Sargent Heirs #1	330'S 330'W NEC SE SE	McClosky	24981	165	G.L. 493'
John Prior	Tinsley #1	330 N 330 W SEC NE NE	Rosiciare	24931	112	G.L. 542'
John Prior	Williams #1	330'S 330'W NEC SE NE	Rosiclare	2510	50	6.1. 536'
John Prior	Williams #2	330'N 330'W SEC NE	Rosiclare	2520	48	6.L. 531'
John Prior	W1111ams #3	330'S 330'W NEC SE	Salem	25001	165	6.L. 5311
John Prior	W111 jams #4	330'N 330'W SEC NE SE	Salem	2520'	48	G.L. 526'
John Prior	Okada-Stein #1	380'S 330'E NWC SW NW	Salem	50301	58	G.L. 512°
John Prior	Okada-Stein #2	330'N 330'E SWC NW	Salem	2456	20	G.L. 503'
John Prior	Okada-Stein #3	530'S 330'E NWC SW	Salem	24701	110	G.L. 505'
John Prior	Okada-Stein #4	Sec. 22 1S 2E 330'N 330'E SWC NW SW Sec. 22 1S 2E	Salem	2490'	140	G.L, 487'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
JEFFERSON COUNTY(contd.)						
John Prior	Sargent #1	330 N 330 E SWC NW NW	McClosky	2501	160	G.L. 529'
John Prior	Sargent #3	330'N 330'W SEC NW NW	Renault	25801	30	G.L. 529'
John Prior	Sargent #4	350'S 350'W NEC NW NW	McClosky	25151	35	6.1. 528
Farmers Crude Prod. Co.	Steffy #1	330'S 330'E NWC SW SW	St. Louis	25831	22	G.L. 490'
Burrell G. Minor	Ira Minor Comm. #2	330'S 990'E NWC SW NW	Salem	33201	-	G.L. 582'
Burrell G. Minor	Vasco Tate #3	330'N 330'E SWC SE NE	Salem	33471	4	G.L. 601'
Burrell G. Minor	Tate-Byars Comm. #2	560'N 330'E SWC NE SW	Salem	33101	14	124 , 165 . 7.9
Gary-Williams Oil Prod., inc.	Nelson Chambilss #1	330'S 330'W NEC SW SW	Salem	3350	88	6.L. 515'
Gary-Williams Oil Prod., Inc.	Wayne Hails #2	600'S 330'W NEC SE SW	McClosky	2867	45	G.L. 523'
Dwight Brehm Resources	Bullock #1	330'S 330'E NWC SW	McClosky	2807	35	G.L. 470'
Dwight Brehm Resources	Scott Corum. #1	330'S 330'W NEC SW SE	McClosky	3160	.08	G.L. 490'
Gentles Drig. Co.	Hughey #1	590, 24 25 4E 990'S 330'W NEC NW NW	McClosky	29501	91	G.L. 4511
Shamrock Drlg. Corp.	Heck-Dalby #4	330'N 330'W SEC SW SW	Rosiclare	28501	237	G.L. 449'
Wedco Resources Corp.	Jefferson Oil & Gas #1-B	330'S 2338'W NEC	Rosiclare	29791	Prod.	G.L. 426'
Wedco Resources Corp.	Jefferson Oil & Gas #2-B	330'S 335'W NEC NW	Rosiclare	2898	90	G.L. 437'
Wedco Resources Corp.	Jefferson Oll & Gas #3-B	330'S 330'W NEC NW NW	McClosky	28851	55	G.L. 44!'
Wedco Resources Corp.	Jefferson Oll & Gas #4-B	Sec. 14 45 ZE 330'S 330'E NWC NE NW Sec. 14 45 ZE	McClosky	2900	20	G.L. 4381

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Wedoo Resources Corp.	Jefferson Oil & Gas #5-B	990'S 1161'W NEC	Rosiciàre	29111	136	G.L. 436'
Wedco Resources Corp.	Jefferson Oil & Gas #6-B	330'S 330'W NEC	McClosky	28701	09	G.L. 440'
	Jefferson OI1 & Gas #8-B	Sec. 15 45 2E 1650'S 330'W NEC	McClosky	2875'	63	G.L. 440'
ė	Fowler #1	Sec. 15 4S 2E 330'S 330'W NEC SW SW	Salem	3997	26	G.L. 456'
	Slamans #1	Sec. 35 4S 3E 330'N 330'W SEC NW Sec. 35 4S 3E	Warsaw	4017	40	G.L. 461
LAWRENCE COUNTY						
Jerry D. Scott Sr.	John Jordan #4	968'S 1377'W NEC Loc. 157	McClosky	18481	20	G.L. 452'
	Bower Corp. #1	330'S 330'E NWC SW NW	Cypress, Benoist, Aux	18431	5	G.L. 410*
	C. H. Leathers #2	Sec. 9 ZN 11W 330'S 560'W NEC SW SW	Vases, St.Geneleye Benoist	1850	2	G.L. 416
.8	L. A. Buchanan #54	Sec. 20 2N 11W 990'S 330'E NWC NW NW NE	Paint Creek	17801	10.5	G.L. 500'
-e-	Ramsey #2	Sec. 2 2N 12W 330'S 380'W NEC SE SE	St. Louis	24611	м	G.L. 473'
	McVickar Etal #4	530'N 330'W SEC SW	Salem	3445	īč	G.L. 506'
	McV1ckar #5	Sec. 5 ZN 15W 450'N 330'E SWC NW SW	Salem	3507	9	G.L. 5191
Illngsley	Allie J. Deloriea #1	330'N 330'W SEC NE SE	Rosiciare	3021	38	G.L. 520'
	Richard Kieffer Etal #1	Sec. 6 2N 13W 330'S 330'W NEC	McClosky	35001	2	G.L. 525'
	Mundy #2	Sec. 7 2N 13W 330'N 330'W SEC NW SE	McClosky	2712	09	G.L. 501
	John R. Wolfe #1	Sec. 27 2N 13W 330'N 330'E SWC NE SE Sec. 27 2N 13W	McClosky	27051	130	G.L. 4891

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
LAWRENCE COUNTY(contd.)						
Marathon 011 Co.	S. M. Eshelman #29	330'S 330'E NWC SW NE	Paint Creek	1625	22	G.L. 497
Marathon 011 Co.	S. Newell #37	355'S 330'E NWC NW SW	Paint Creek	19991	85	G.L. 4911
Marathon 011 Co.	S. Newell #38	350'S 990'E NWC NW SW SW	Kirkwood, Benolst,	1641	45.5	G.L. 473'
Marathon Oil Co.	S. Newell #39	355°N 330°E SWC SW SW SW	Kirkwood, Paint Creek	1716	35	G.L. 5111
Marathon 011 Co.	S. Newell #40	330*N 990*E SWC SW SW	Paint Creek, Kirkwood	16581	49	G.L. 477'
Marathon 011 Co.	S. Newell #41	355'N 1650'E SWC SW SW	Baint Creek	16221	44	G.L. 4631
Marathon 011 Co.	W. E. Robbins A/C 1 #1A-2	Sec. 5 3N 12W 1857'S 1420'W NEC SE	Bridgeport	1074	35	G.L. 495'
Marathon 011 Co.	W. E. Robins A/C I #10-2	Sec. 5 3N 12W 1622'S 1420'W NEC SE	Bridgeport	19751	4.5	G.L. 505°
Marathon 011 Co.	W. E. Robins A/C   #1A-4	Sec. 5 3N 12W 1857'S 1185'W NEC SE	Bridgeport	1065	01	6.L. 510°
Marathon 011 Co.	W. E. Robins A/C 1 #1C-4	1622'S 1185'W NEC SE	Bridgeport	10581	2	6.1. 513'
Marathon 011 Co.	J. R. King A/C ! #85	350'N 990'W SEC SE SE	Kirkwood, Benoist,	17481	6	6.1. 520'
Marathon 011 Co.	J. R. King A/C I #86	380'N 330'W SEC	Benolst, Kirkwood	1738	44	6.1. 5391
Marathon Oil Co.	J. R. King A/C I #87	330'N 330'E SWC SE NW NW	Paint Creek	17591	26	6.1. 5101
Marathon 011 Co.	William Seed A/C I #47	330'N 330'W SEC NW SW	Bridgeport	11311	9	G.L. 496'
Marathon OII Co.	WIIIIam Seed A/C I #49	350'N 350'E SWC NW SW	Bridgeport	11711	-	G.L. 474'
Marathon OII Co.	T. P. Gillespie #76	1650'S 330'E NWC	Benolst	17951	21	G.L. 498'
Marathon 011 Co.	T. P. Gillespie #77	330'S 330'E NWC SW	Benoist	17281	9	G.L. 445'
Marathon 011 Co.	T. P. Gillespie #78	Sec. 25 SN 12W 990'S 330'E NWC SW Sec. 23 3N 12W	Paint Creek	17001	13	G.L. 443'

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OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
LAWRENCE COUNTY(contd.)						
Marathon Oil Co.	T. P. Giliespie #79	1650'S 330'E NWC SW	Benoist	1720	5	G.L. 442'
Marathon Oil Co.	T. P. Gillespie #80	Sec. 23 3N 12W 990'S 330'W NEC SW	Paint Creek	1730	24	G.L. 433'
Marathon 011 Co.	T. P. GIIIespie #8i	Sec. 23 SN 12W 1650'S 371'W NEC SW	Paint Creek	14061	7	G.L. 437'
Marathon 011 Co.	T. P. Gillespie #82	990'S 400'E NWC	Benoist	18001	991	G.L. 494'
Marathon 011 Co.	T. P. Gillespie #83	330'N 330'E SWC	Paint Creek	17471	4	G.L. 444'
Marathon 011 Co.	A. Vandermark #42	330'N 330'E SWC SE	Kirkwood	17681	=	G.L. 507*
Marathon 011 Co.	A. Vandermark #43	330'N 990'E SWC	Kirkwood	17561	2	6.L. 494°
Three Star Drig. & Prod.Corp. Laura Gillespie #1	Laura Gillespie #i	1650'N 330'E SWC SE	Cypress	17231	80	G.L. 506'
Three Star Orig. & Prod.Corp.	Laura Gillespie #3	330'S 330'E NWC SE	Cypress	1923	180	G.L. 490'
David Hulfachor	Sherman Gillespie #3	330'S 330'E NWC NE SE	Paint Creek	17681	30	6.1. 5211
Marathon 011 Co.	George Gray A/C 2 #31	330'N 330'E SWC SW SW NE	Paint Creek	17481	69	G.L. 491'
Marathon 011 ∞.	George Gray A/C 2 #32	330'S 300'E NWC SW NE	Paint Creek	17391	=	G.L. 483°
Herman L. Loeb	E. K. Gillesple #4-A	330'N 330'W SEC NE NW	Benoist	1798	48	6.1. 5111
Marathon Oil Co.	Laura Gillespie #38	330'N 330'W SEC SE SE NW	Benoist	11911	12	G.L. 484'
Marathon Oil Co.	Laura Gillespie #39	990'N 330'W SEC SE SE NW	Benoist	17851	32	G.L. 491'
Marathon 011 Co.	Laura Gillespie #40	330'N 330'W SEC SE NW NE	Benolst	1742'	82	G.L. 487'
Three Star Drig. & Prod.Corp.	Gutteridge #83-3	3301S 3301E NWC SW NW NW	Rosiclare	2165	15	G.L. 494'
Three Star Drig. & Prod.Corp.	Kelly-Seed #1	Sec. 29 3N 12W 990'S 330'W NEC NW Sec. 29 3N 12W	Paint Creek	21851	30	G.L. 483°

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
LAWRENCE COUNTY(contd.)						,
Marathon Oil Co.	S. J. Gee A/C I #24	330'S 700'E NWC SW NE	Kirkwood	1,9021	01	G.L. 5391
Marathon Oll Co.	S. J. Gee A/C I #28	Sec. 34 3N 12W 350 N 315 E SWC NE	McClosky	19301	81	G.L. 530'
Marathon Oil Co.	S. J. Gee A/C I #29	Sec. 34 3N 12W 965'N 125'E SWC NE	Kirkwood	17091	ы	G.L. 514'
Warathon 011 Co.	S. J. Gee A/C I #30	975'S 0'W NWC NE	McClosky	19721	80	G.L. 538'
Warathon OII Co.	S. J. Gee A.C I #32	300'S 330'W NEC SE NE	McClosky	19221	=	6.L. 527'
Warathon 011 Co.	Joseph Gray #65	350'S 990'W NEC NE NE SE	Klrkwood	17061	3.5	G.L. 521'
Three Star Drig. & Prod.	Laura Gillespie #2	390'S 330'W NEC NW NE	St. Louis	24161	15	G.L. 473' 21
Geo-Petroleum, Inc.	Ronnle Bennett #1	990'S 330'E NWC NE NE	Aux Vases	26931	35	6.L. 505'
Ploneer Oil Co., Inc.	Legg-Hardacre #2	330'S 330'E NWC SW SW	Benolst	1730'	62	G.L. 433'
Dioneer Oll Co., Inc.	Legg-Hardacre #3	330 N 330 W SEC SW SW	Benols†	1700,	20	G.L. 434'
Warathon 011 Co.	John W. Bolles A/C 2 #15	630°S 660°E NWC SW	McClosky	1820'	0	G.L. 435°
Marathon Oil Co.	W. Westall A/C I #20	535'N 660'E SWC	McClosky	17951	35	G.L. 435
Marathon 011 Co.	Perry King A/C   & 2 #157	990'N 330'E SWC SE NW	Kirkwood	14051	1.3	6.L, 4331
Marathon 011 Co.	Perry King A/C I & 2 #158	330'N 330'E SWC SE NW	Paint Creek	14701	7	6.L, 4331
Marathon OII Co.	Perry King A/C i & 2 #159	326 N 982'E SWC SE NW	Paint Creek	1470	28	G.L. 4321
Marathon OII Co.	S. E. Hazel A/C ! #67	535°S 663°W NEC	McClosky	17031	6	G.L. 4361
Marathon OII Co.	W. L. Skiles #23	560°S 660°E NWC	McClosky	17521	72	G.L. 433'
Marathon Oil Co.	Mary A. Wood A/C 1 #41	Sec. 20 4N 12W 660'S 660'E NWc SW NW Sec. 20 4N 12W	McClosky	1755*	125	G.L. 435'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
LAWRENCE COUNTY(contd.)						7.1
Marathon 011 Co.	Mary A. Wood A/C I #42	660'N 660'W SEC NW	McClosky	1794'	89	6.L. 435'
Marathon 011 Co.	F. P. Eshelman #31	Sec. 20 4N IZW 690'S 660'W NEC NW NE	McClosky	1800	7	6.L. 442¹
Marathon 011 Co.	F. P. Eshelman #32	Sec. 29 4N 12W 610'S 609'E NWC NE NW	McClosky	17451	-	G.L. 429'
Smith Operating Co., Inc.	Pepple #50-M	Sec. 29 4N 12W 710'S 330'E NWC	McClosky	18001	50	G.L. 464'
Smith Operating Co., Inc.	Pepple #51-M	5ec. 30 4N 12W 694'S 330'W NEC NW NW	McClosky	1750	15	G.L. 445'
Marathon Oil Co.	J. T. Griggs A/C I #54	350'N 390'E SWC SE SE	Benoist	15561	5.7	G.L. 458'
Marathon 011 Co.	J. E. Johnson #38	56C, 32 4N 12W 410¹N 330¹E SWC SE	Kirkwood	1557	35	G.L. 474' 55
Smith Operating Co., Inc.	A. C. Droll Etal #3-M	1893'N 3045'W SEC	McClosky	17221	15	G.L. 434
Smith Operating Co., Inc.	A. C. Droll Etal #4-M	893'S 436'E NWC SE SW	McClosky	17351	22	G.L. 435¹
Smith Operating Co., Inc.	M. X. Piper #1-M	2022'N 2317'W SEC	McClosky	17201	30	G.L. 433°
Smith Operating Co., Inc.	M. X. Piper #5-M	59C. 1 4N 15W 674'N 330'W SEC SW SE Sec. 1 4N 13W	McClosky	17411	20	G.L. 434'
MACON COUNTY						
Triple "G" 0il Co., Ltd.	Davis #2	330'S 330'E NWC SW SW	Silurian	2090	28	6.L. 698¹
Triple "G" 011 Co., Ltd.	Wattley #3	330'S 330'E NWC SE SW	Silurian	21601	81	G.L. 7001
Pawnee Oll Corp.	Beatty #9	330'S 330'W NEC SE SE	Silurian	2005	46	6.L. 607'
Pawnee 011 Corp.	Beatty #10	330'N 330'E SWC SE SE	Silurian	2005	48	G.L. 607*
Pawnee 011 Corp.	Beatty #12	350'N 330'E SWC SE	Sllurian	2000	47	6.L. 596¹

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
MACON COINTY(CONTA.)						
Watters 011 & Gas Co.	Raymond Alsup #2	330'S 330'E NWC NE	Silurian	19401	80	G.L. 604'
Watters Oil & Gas Co.	Raymond Alsup #3	350'S 330'W NEC NW NE	Silurian	1941	09	G.L. 605'
Watters Oil & Gas Co.	Pistorius #5-A	36c, 29 16N 1E 330'S 330'W NEC NW	Silurian	19481	75	6.1. 605'
Triple "G" 011 Co., Ltd.	Batthauer Comm. #1	Sec. 29 16N 1E 330'S 330'E NWC NE SE Sec. 25 17N 2E	Silurian	22231	σ.	G.L. 672°
MACOUPIN COUNTY						
I. R. Bennett	Schrier #9-A	330 'N 660'E SWC NE	Penn.	4871	٣	6.1. 623'
Gas, Oil & Land Developers	C.N.W. South #1	Sec. 16 /N /W 1650'N 330'E SWC	Penn.	5681	2	6.1. 6611
Gas, Oll & Land Developers	C.N.W. South #2	Sec. 22 8N 5W 2285'N 365'E SWC	Penn.	1976	9	6.1. 656
DEC 011 & Gas Co.	Blackburn University #2	350'N 350'W SEC SW SW	Penn.	386'	Gas	G.L. 6211
Divine Energy	J. Edsail #1-D	330'S 330'E NWC SW NW NE	Pottisville	494	72	G.L. 642'
DEC 011 & Gas Co.	Albert Rhodes #1	340'N 330'W SEC NE NW	Penn.	351	Gas	G.L. 529°
DEC 011 & Gas Co.	Haley #1	380'N 330'E SWC SE SE Sec. 34 9N 8W	Penn.	3771	Gas	G.L. 554'
MADISON COUNTY			-			
"John T. Mitchell	Blom #19	150'N 50'W SEC SW NE Sec. 27 6N 6W	Penn.	5721	4	G.L. 572'
MARION COUNTY	177	בבטוא לבטוב כחק אוב כח	V.V.	1936	м	G.L. 478'
.00	* * COMPANY OF THE PARTY OF THE	Sec. 36 IN 4E				

	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
						-
MARION COUNTY(contd.)						
Marshall Lippert	Lagow-Halfacre Comm. "B" #1	330'N 330'E SWC	McClosky	2910	92	6.1. 501
Marshall Lippert	Meyer #1	350'N 330'E SWC NW SW	St. Louis	2925	09	6.L. 509'
Jasper Oll Producers, Inc.	C. Owens #1	330'N 330'E SWC NW	McClosky	27331	125	G.L. 507'
	George Pitts #1	330'N 330'E SWC SE SW	St. Louis	29121	40	G.L. 502'
	George Pitts #2	330'S 330'E NWC SE SW	McClosky	29331	25	6.1. 505'
Shamrock Drlg. Corp.	Alan Timm #2	330'N 330'W SEC SW SE	McClosky	30501	01	G.L. 496°
Shamrock Drlg. Corp.	Timm-Laurence Comm. #1	580'N 330'W SEC	McClosky	2990	11	6.L. 463° E
Lana D. Marshall, Teresa M. Marshall & L. Harmon	Becker-Bartley #2	36c. 16 ZN 4E 330'N 330'W SEC NE NW Sec. 17 ZN 4E	McClosky	31201	20	G.L. 512'
Goose Creek 011 Co., Inc.	Hall #1	330 *N 330 *W SEC SW SE	McClosky	27501	75	G.L. 513°
Goose Creek 011 Co., Inc.	F. Hall #3	330'N 330'W SEC NW SE	McClosky	27501	۳	6.1. 512
Marshall Lippert	Lowell Lagow #1	330'N 660'W SEC NE SE	McClosky	27291	147	6.L. 509'
Marshall Lippert	Lagow-Halfacre Comm. "A" #1	330*N 330*W SEC	McClosky	2929	86	6.L. 510°
Marshall Lippert	Lagow-Halfacre Comm. #2-A	330'N 330'E SWC SE SE	McClosky	2925	25	6.1. 5111
Goose Creek Oll Co.	Clifton Comm. #1	330'S 330'E NWC NE NW	Paint Creek	29151	33	6.1. 5111
Marshall Lippert	G. S. McGuire #1	330'S 330'W NEC	McClosky	30401	011	G.L. 507'
K & K Development	Kline #1	Sec. 20 2N 4E 990'N 990'E SWC NW	McClosky	2650	1.7	6.1. 578'
Edward C. Koch	Claude Rose #6	Sec. 6 3N 4E 330'N 330'W SEC NE SE	Benoist	25151	5	6.1. 515'
Edward C. Koch	Claude Rose #8	Sec. 16 3N 4E 400'S 330'E NWC SE NE	Rosiciare	25121	200	G.L. 494'
		Sec. 16 3N 4E				

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
MARION COUNTY (contd.)						
Edward C. Koch	Russel Rose #2	330'S 330'W NEC SW	McClosky	35001	150	6.1. 508'
Edward C. Koch	Russell-Rose #3	330'S 330'W NEC SE NW	McClosky	28001	01	G.L. 507'
Edward C. Koch	Russell-Rose #4	330'N 330'W SEC NW	McClosky	31991	20	6.1, 506'
Shakespeare 011 Co., Inc.	Robert Burkett #2	Sec. 26 3N 4E 330'S 330'E NWC SE	Salem	3224	18	6.1. 501
Shakespeare Oil Co., Inc.	Max Sullens #9	350'S 350'W NEC SW	Salem	32301	75	G.L. 4911
Gentry & Chariton	Brasel-Geller #1	330'S 330'E NWC SW SW	Benolst	2301	70	G.L. 567'
Steven A. Zanetis	Garrett #A-1	Sec. 10 4N 5E 330'N 330'E SWC	Aux Vases	20661	12	6.1. 594' 5
New Spirit, Inc.	Geller #2	Sec. 18 4N 3E 330'N 330'E SWC NE	Carper	3337'	54	G.L. 527'
New Spirit, Inc.	Quaranta #7	Sec. 19 4N 3E 330'N 330'E SWC NE SW	Carper	33361	ຄ	6.1. 325'
New Spirit, Inc.	Robey #1	390'N 330'E SWC SE NW NE	Carper	3627	20	G.L. 580'
New Spirit, Inc.	Harold LeMay #2	Sec. 19 4N 3E 990'S 330'E NWC NW SW	Carper	33561	7	G.L. 530'
Ceja Corp.	Bassett #2	Sec. 20 4N 3E 330'N 330'E SWC SE	McClosky	2425'	168	G.L. 577'
Ceja Corp.	Bassett #3	550'S 530'W NEC NW SE	McClosky	30301	45	G.L. 562'
Ceja Corp.	First United Methodist	330'S 330'E NWC SW NW NE	McClosky	2415'	148	G.L. 576"
Ceja Corp.	Church #2 Earl Gain #2	Sec. 55 4N 4E 330'S 330'W NEC NW Sec. 33 4N 4E	McClosky	2420'	145	G.L. 575'
MONROE COUNTY						
Genie Energy	Rolder #1	330'S 330'E NWC SW Sec. 2 2S 10W	Trenton	5351	2	G.L. 634'

	PROD	PRODUCING WELLS COMPLETED IN 1985		+		
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
MORGAN COUNTY_						=
B. E. S. T. 011 Co.	A. Thornley #2-B	330'S 330'W NEC NW NW SE	St. Louis	334*	3.5	G.L. 633'
Lyndon L. Sanders	Davenport #2	Sec. 9 15N 9W 330'S 330'W NEC NE NW NE Sec. 33 16N 8W	Penn.	2861	Gas	G.L. 645'
PERRY COUNTY						
Eddie M. Self	R. Rudolph #2	330 °S 330 °E NWC SW SW	Benoist	13221	4.5	G.L. 516°
Eddle M. Self	R. Rudolph #3	560 N 330 W SEC SW SW	Benoist	13191	-	G.L. 514°
Eddie M. Self	M. Sobczak #1	350'N 330'W SEC Sec. 6 4S IW	Benoist	13131	O1	6.1. 512'
RANDOLPH COUNTY						
Je+ 011 ℃.	E. Anderson #5	990'S 330'E NWC SE	Silurian	2650	=	G.L. 495'
Jet OII ∞.	M. Bingle #3	990'N 990'E SWC	Silurian	26001	38	G.L. 477'
Jet 011 Co.	M. Bingle #4	Sec. 16 45 5W 990'N 990'W SEC SE SW	Silurian	26031	5	G.L. 487'
Jet 011 Co.	C. Easdale #12	330'S 380'W NEC NE SW NE	Silurian	26001	28	G.L. 4831
Je† 011 ℃.	F. Easdale #8	990*N 330*E SWC SW SW NW	Silurian	2650	30	G.L. 5011
Jet Oil Co.	H.Edmiston #9	330°S 330°E NWC SW	Silurian	26031	53	G.L. 495'
Jet 011 Co.	H. Edmiston #10	990'S 330'E NWC SE	Silurian	26001	25	G.L. 502°
Jet Oil Co.	H. Edmiston #11	330'N 990'E SWC SW NW SW	Silurian	10092	29	G.L. 473'
Jet 011 Co.	Bickett #!	Sec. 15 45 2W 1705.3'N 335'W SEC NE	Silurian	26001	17	6.L. 510°
Jet 011 Co.	Lindsay #3	350'N 330'E SWC SW SE SE Sec. 17 4S 5W	Silurian	2607	4	G.L. 487'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
RANDOLPH COUNTY(contd.)						
Jet 011 Co.	H, Wilson #3	330'S 330'W NEc Sec. 20 4S 5W	Silurian	4604	24	G.L. 495'
RICHLAND COUNTY						
Doral Energy, Inc.	Flemming #1-A	330'S 330'E NWC SW SW	O'Hara	32131	2.5	G.L. 441'
Dorai Energy, Inc.	Fieming #1	330'N 330'W SEC NE SE	Rosiclare	3197	2.5	G.L. 444'
Doral Energy, Inc.	Fleming #2	330'S 330'W NEC SE SE	0'Hara	32151	2.5	G.L. 443'
Bunn & Bunn 011 Co., Inc.	Cowman-Means-Hiser Comm. #1	330'S 330'W NEC Fr. SW	McClosky	33251	105	G.L. 508'
Bunn & Bunn Oil Co., Inc.	H, & W. Jennings Comm. #1	330'N 660'W SEC SE SE Fr. NW	Rosiclare	3330	62	6.1. 512'
Bunn & Bunn 011 Co., Inc.	Jennings Comm. #2-A	Sec. 6 ZN 11E 990'N 350'W SEC Fr. NW	Rosiclare	3317	20	6.1. 516'
Bunn & Bunn Oil Co., Inc.	H. & W. Jennings #3	350'N 350'W SEC NE Fr. NW	Rosiclare	3337	136	6.1. 5191
Bunn & Bunn Oll Co., Inc.	J. Stivers #1	330'S 660'W NEC SE I'. SW	McClosky	33151	52	6.1. 508'
Bunn & Bunn Oll Co., Inc.	Stivers-Cowman Comm. #1	330'N 660'W SEC SE NE Fr. SW	McClosky	3261	89	G.L. 493¹
Bunn & Bunn Oil Co., Inc.	B. Williams #1	330'N 330'E SWC NE	Salem, Warsaw	4167	8	6.1. 5211
Bunn & Bunn Oil Co., Inc.	L. Wilson #1	330'S 660'E NWC SE	McClosky	3340'	∞	G.L. 520'
111. Operating & Service Co.	Moore #3	330'N 330'E SWC SW NW SE	Rosiclare	31601	12	G.L. 478'
111. Operating & Service Co.	Stadge #2	Sec. 5 ZN 14W 330'S 330'E NWC SW SE	0'Hara	3120	0/	G.L. 4561
III. Operating & Service Co.	Stadge #3	3301N 3301E SWC SW SW SE	Benoist	3150	80	G.L. 468'
Nelms Bros. 011 Properties	Seesengood #2	Sec. 5 2N 14W 330'S 330'W NEC SW SE Sec. 19 3N 9F	Warsaw	3802	20	G.L. 467'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
					-	
RICHLAND COUNTY(contd.)						
III. Operating & Service Co.	V. Fruth #2-A	660'S 330'E NWC SE SW	Cypress	2594	01	G.L. 443'
J. W. Rudy Co.	Grubb #8-1	590'S 330'W NEC Fr. SW	Warsaw	38131	01	G.L. 455'
N. R. Etson Corp.	Marie Sager #2	Sec. 19 3N 9E 330'S 330'E NWC SE	Salem	3625	27	G.L. 456'
Frank Yockey & Yockey 011 Co.	Runyon #1	990'N 330'E SWC NE	Rosiciare	3174	20	G.L. 429°
& Sequoia Oil Co. Bunn & Bunn Oil Co., Inc.	E. Ledeker #1	330 'N 330 'W SEC SE NW SE	Rosiciare	33001	28	6.1. 517
Bunn & Bunn OII Co., Inc.	T. J. Murvin #1	330'S 330'W NEC SE SE	McClosky	44901	22	6.1. 523*
M & H Energy, Inc.	Weiler Etal Unit #1	Sec. 31 3N 11E 660'S 610'W NEC	McClosky	4415	1.21	6.1. 530
Hocking Oil Co., Inc.	Zelda Dowty Etal #2	330'N 330'W SEC NW	Rosiclare	3263	14	G.L. 480'
Hocking OII Co., Inc.	Rohde #1	330' 330'E SWC NE SW	Rosiclare	33961	35	G.L. 495'
Paramount 011 & Gas Corp.	Rebecca Ann Wilson #1	Sec. 29 3N 14W 330'N 330'E SWC	Aux Vases	32951	2	G.L. 516 <sup>1</sup>
Murvin 011 Co.	Sayre #1	Sec. 31 3N 14W 330'E 330'E NWC NE SE	Salem	3575	20	6.1. 551'
So. 111. 0il Producers, Inc.	E. Mosser #1-A	Sec. 11 4N 9E 990'N330'E SWC SE	St. Louis	35851	80	G.L. 538°
Larry A. Hudson	Street #1	530'N 990'W SEC NE NE	Aux Vases	29501	20	6.1. 508
Lake'S Oil Production, Inc.	Snider #2-A	Sec. 13 4N 9E 340'S 1657'E NWC	McClosky	3000	26	G.L. 448'
Larry L. Scott	Victoria Varner #2	330'N 330'E SWC NW NW	St. Louis	3490'	28	G.L. 487'
S.E.C. 011 Co.	F. Roney #1	330'S 330'E NWC SE SE	Rosiciare	2914'	9	G.L. 471
Fryburger Prod. Co., Inc.	Brown #2	330'N 330'W SEC NW NE	Aux Vases	3550	26	G.L. 496'
Union Oil Co. of California	G. F. Glossbrenner #8	Sec. 36 5N 9E 9901N 3301E SWC NW Sec. 31 5N 10E	Salem	35601	14	G.L. 489'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
RICHLAND COUNTY(contd.)						
Lake's Oil Prod., inc.	S+1++ #1-A	550'N 990'E SWc Sec. 34 5N 10E	McClosky	30471	35	G.L. 473'
ST. CLAIR COUNTY						
Century 011 ℃.	Dieker #1	330'N 330'W SEC SW SW Sec. 14 25 6W	Silurian	3561	15	G.L. 417'
SALINE COUNTY						
Wilpro	Bramlet Etal #1	330 N 990 W SEC NE SW	Tar Springs	31551	78	6.1. 369
Ashland Exploration, Inc.	Webber Etal #7	330'S 330'W NEC SE SE	Waltersburg	24151	14	6.1. 475' 51
Ashland Exploration, Inc.	Webber Etal #8	350'N 330'W SEC SE SE	Waltersburg	2415'	57	G.L. 463'
Double River Oil & Gas Co.	Harry Powell Etal #1	350'S 363'W NEC SE SE	Tar Springs	23531	21	G.L. 412'
Ashland Exploration, Inc.	City of Harrisburg Unit #1	330'S 630'W NEC SE SW	Tar Springs	35001	99	G.L. 453'
Ashland Exploration, Inc.	A. E. Webber Etal #1	330'N 950'E SWC SW SW	Tar Springs	28501	56	G.L. 423'
Ashland Exploration, Inc.	A. E. Webber Etal #2	330'S 930'E NWC SW SW	Tar Springs	24701	131	G.L. 428'
Ashland Exploration, Inc.	A. E. Webber #3	330'S 1549'E NWC Fr. St SW	Tar Springs	28001	ZC.	G.L. 449'
Ashland Exploration, Inc.	A. E. Webber Etal #4	330'N 1610'E SWc S# Fr. SW	Tar Springs	2780	13	G.L. 424'
Ashland Exploration, Inc.	A. E. Webber Etal #5	350'S 350'E NWC SW SW	Waltersburg	24001	83	G.L. 456'
Ashland Exploration, Inc.	A. E. Webber #6	350°N 350°E SWC SW SW	Waltersburg	24001	92.8	6.1. 439'
Ashland Exploration, Inc.	Weber Unit #1, Well #2	350'N 2270'E SWC NF Fr. SW	Cypress	2825'	79	6.L. 4711
Ashland Exploration, Inc.	Webber Uni† #2	330'S 1610'E NWc N <sup>‡</sup> Fr. SW Sec. 6 8S 6E	Aux Vases	10662	48	G.L. 436'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
SALINE COUNTY(contd.)					-	
Ashland Exploration, Inc.	J. D. Cavaness#3	330'S 330'E NWC SE NW	Tar Springs	2475'	20	G.L. 480°
Ashland Exploration, Inc.	Zella Fields Etal #3	350'S 330'E NWC SW	Tar Springs	3246'	59	G.L. 443'
Heflin OII Co.	Payne Bros. Etal #1	350'S 330'E NWC SE SE	Rosiciare	2952	30	6.1, 386'
Heflin OII Co.	Payne Bros. Etal #2	Sec. 8 83 7E Sec. 8 85 7E	Benoist	31001	20	G.L. 388'
SANGAMON COUNTY						
John Carey 011 Co., Inc.	Flat* #	330 'S 330'E NWC NE SW	Silurian	1687	2	6.L. 542' E
Homco, Ltd.	Chandler Heirs #1	330'N 660'E SWC NW SW	Silurian	1680	=	6.L. 578' <sup>2</sup>
Homco, Ltd.	Fairchild #6	350'S 330'W NEC SW SW Sec. 11 15N 4W	Silurian	16881	69	6.1. 577'
SCHUYLER COUNTY						
Longhorn Resources, Inc.	Mohlenbruck #1	660°N 330°W SEC SW SE	Silurian	5721	Prod.	6.1. 573'
Two Rivers Petroleum Co.	Ted Artis Farm #1	Sec. 21 14 18 330'S 330'W NEC SW SE Sec. 23 2N 3W	Silurian	4681	п	G.L. 501'
SHELBY COUNTY						
Eagle Energy, Inc.	Paul Compton #1	330'S 330'W NEC SE SE	Aux Vases	31301	16}	6.L. 591°
Eagle Energy, Inc.	Miller #1	330'S 330'W NEC NW SE	Aux Vases	1761	40	6.1. 586'
Louis Kapp	Frankiin Reid #1	330'N 330'W SEC NE NW	Aux Vases	1726	20	6.1. 536'
Louis Kapp	Franklin Reid #5	350'N 330'W SEC SW NW Sec. 7 10N 4E	Aux Vases	17151	25	G.L. 546†

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
SHELBY COUNTY(contd.)						
Eagle Energy, Inc.	Charles Porter #1	330'N 330'E SWC SW NW SW	Aux Vases	17801	9	6.1. 596'
Universal Resources Corp.	Eberspacher #3-A	350'N 350'W SEC SW SE SW	Mississippi, Benoist	15051	81	G.L. 664'
Ronald A. Potsch	Chester Beyers #2	330'S 990'W NEC SW	Benoist	15171	٣	G.L. 659'
Universal Resources Corp.	Eberspacher #2	Sec. 32 12N 2E 330'N 330'W SEC SE NE NW Sec. 32 12N 2E	Benoi st	15001	38	6.1. 658
WABASH COUNTY						
III. Mid-Continent & Dee Drig Adams-Fox Etal #4	Adams-Fox Etal #4	1740'N 2127'E SWC NW	Bieh!	1453	Prod.	G.L. 467'
Smith Operating Co., Inc.	Trimble #5	330'S 943.5'W NEC	Biehl	2210'	09	G.L. 427' &
H & H Oil ∞., Inc.	Kolb Heirs #2	Sec. 2 IN 12W 1050'S 2160'E NWC	Riehl	15251	25	G.L. 458'
James Stevens	L. C. Stevens #1	330'S 330'W NEC SE SW	Aux Vases	2200	2	G.L. 4211
Jackie Keneipp	J. W. Price Heirs #2-A	560'N 350'E SWC NW NW	Cypress	2035	01	G.L. 420'
Jackie Keneipp	Lydia Smith #3	360'N 330'W SEC NE NW	Cypress	2076'	9	G.L. 466'
H & H 011 Co., Inc.	Winter #A-3	330'S 330'E NWC SW SE	Biehl	2331	001	G.L. 430°
H & H 011 ℃., Inc.	Winter #A-4	330'N 330'E SWC NW SE	Cypress	2360'	01	G.L. 433'
H & H 011 Co., Inc.	Chapman Trust #3	330'N 330'W SEC NE NW	Cypress	2334'	17	G.L. 455'
T. W. George Trust	Sam Seiler Heirs #2	790'S 330'E NWC NE SW	Tar Springs, Biehl	16881	20	G.L. 397'
San-Mar Oil Corp.	Frye-Jones Unit #1	330'N 360'E SWC SE SW	O'Hara	2824'	8	G.L. 498*
San-Mar Oil Corp.	Frye-Wright Unit #1	560. 5 IN 15W 550'S 620'W NEC NW Sec. 10 IN 15W	O'Hara	27831	120	G.L. 493'

OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАГ	EST. IP DAILY-BBLS.	ELEVATION
WABASH COUNTY(contd.)					÷	
San-Mar Oil Corp.	Raymond Risley #1	330'S 330'W NEC NW NW	O'Hara	2794'	0110	G.L. 484'
Fiscus Well Service	Liddle "B" Lse #1	360'N 330'W SEC NE SE	O'Hara	26801	25	G.L. 489°
IIIinois 011 ∞., Inc.	Smith-Nigh #0-5	1470*S 330*E NWC NE	Biehl	1460'	20	G.L. 469*
III. Mid-Continent & Dee Drig	J. J. Springman #7	2147'S 363'E NWC NE	Biehl	20331	12	G.L. 448*
Hocking Oil Co., Inc.	G.L. Richardson #1	330°S 330°E NWC NE SE	O'Hara	2831	80	G.L. 463°
Puntney Engineering, Inc.	Joe Alka #1	350*N 330*W SEC NW	0'Hara	2750	33	G.L. 514'
Conrady Oil, Inc.	Cleveland Steckler #6	350'S 2163'E NWC SW	Tar Springs	24941	15	G.L. 473° EI
Smith Operating Co., Inc.	Wolf Comm. #2	330'N 350'E SWC SE SE	Benoist	2721	14	G.L. 444'
T.W. George Trust	B. Spickerman #1-B	660'N 330'W SEC NE	Benolst	2670"	38	G.L. 410°
Olds Oil & Chemical Corp.	Wallace Heirs #1	Sec. 27 15 15W 960'N 330'E SWC	Penn.	8201	-	G.L. 405°
Fryco	Bosecker #1	350'S 990'E NWC NE NE Sec. 14 2S 14W	Cypress	26041	80	G.L. 405¹
WASHINGTON COUNTY						
E. H. & K. 0il ∞.	Stanton #15	330'S 360'W NEC SE NW	Cypress	15791	57	G.L. 550°
A & B, Inc.	Schneider Comm. #1	330'S 330'E NWC SW NE	Devonian	3114	5	G.L. 561†
Elmer Oelze Jr.	Arthur Harre #1	330'N 380'W SEC	Devonian	2695	91	G.L. 535'
Elmer Oelze Jr.	Arthur Harre #2	330'N 990'W SEC	Devonian	26331	œ	G.L. 538†
Elmer Oelze Jr.	Arthur Harre #3	Sec. 18 25 3W 990'S 330'E NWc SW SE Sec. 18 2S 3W	Devonlan	2682'	39	6.1. 523

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WASHINGTON COUNTY(contd.)						
Elmer Oelze Jr.	Arthur Harre #4	330'N 330'E SWC NW NE Sec. 19 2S 3W	Silurian	2650'	52	6.1. 5211
WAYNE COUNTY						
Mid-America Petroleum Corp.	Ray Comm. #1	330'N 330'W SEC SW	Rosiclare	32861	96	G.L. 465°
Booth Resources, Inc.	J. A. Johnson #1	330'S 330'W NEC SW	Aux Vases	32001	71.27	G.L. 446'
Booth Resources, Inc.	K. Obrecht #1-8	330*N 330*W SEC SW NW	Aux Vases	3180	01	G.L. 445'
Mid-America Petroleum Corp.	Block #1	330'S 330'W NEC	McClosky	33161	41	G.L. 469'
Booth Resources, Inc.	B. Atteberry #3	330'S 330'E NWC NE NW	McClosky	31481	15	G.L. 437'
Triple C Oil Producers, Inc.	Van Fossan #1-DC	330'N 660'W SEC NE SW	Devonlan	49881	30	G.L. 430'
Fairway Oil ∞.	E. Powell #1	990'N 330'W SEC NW SW	Salem	38101	01	G.L. 394'
M & J 011 Co., Inc.	Miller #1	330'N 330'E SWc SW SE	Aux Vases	31681	2	G.L. 392'
O D & E Corp.	C. French #1	350'N 480'E SWC NW	McClosky	3291	15	G.L. 392'
Booth 011 Co., Inc.	Cook #6-A	330'S 330'E NWC SW SE	Salem	36701	26	6.L. 4811
Triple B Oil Producers, Inc.	Union Farmout #1	5ec. 21 ZN 0E 660'S 330'E NWC NE SE 5c 20 2N 8E	O'Hara	3047	y	G.L. 446'
Union 011 Co. of California	Carl Hosselton #A-12	330'S 330'W NEC SE NW	Warsaw	3904	7	G.L. 458°
Union Oil Co. of California	Carl Hosselton #A-13	330'N 330'E SWC NW SE	Warsaw	3900	36	G.L. 459'
Union Oil Co. of California	E. R. Hosselton #B-2	350'S 330'W NEC SW	Salem	38831	45	G.L. 457'
Union Oil Co. of California	E. R. Hosselton #D-3	Sec. 21 2N SE 3301N 3301E SWG NE SE Sec. 21 2N 8E	Warsaw	38861	132	G.L. 452'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WAYNE COUNTY(contd.)						
Union Oil Co. of California	Lou Patterson #5	330'S 330'W NEC SE SE	Salem	38921	12	G.L. 456'
Hubert W. Rose	Raymond Skelton #2	Sec. 21 2N 8E 330'N 330'E SWC NE NW	Warsaw	38001	Prod.	G.L. 452¹
Bellair Oil Co.	Hubble #1-A	Sec. 21 ZN 8E 330¹N 330¹E SWC SE SE	Aux Vases	3115	15	G.L. 470'
Thomas Oil & Equipment, Inc.	Wells Comm. #1	Sec. 28 ZN 8E 330*N 330*W SEC NE SE	Salem	3830'	6	G.L. 437'
III. Basin Exploration, Inc.	E. Legg #1	330'S 330'E NWC SE SE	Salem	3081	12	G.L. 4381
Prospect 011 Development Corp	Veri Shreve #1	990'S 330'W NEC	Salem	38001	35	G.L. 407*
Homco, Ltd.	Barret† #1	330 to 330 te Swc NW SW	Aux Vases	3130'	80	6.1. 422' 5
Ronald R. Jones	Maculevics #2	330'N 330'E SWC NE SE	Aux Vases	3220'	15	G.L. 4291
Dean N. Basnett	Basnett #11	550'N 530'W SEC SW SW	O'Hara	3310	45	G.L. 474'
Dean N. Basnett	D. Basnett #7	330 th 330 te SWc NE	McClosky	39501	35	G.L. 465'
Dean N. Basnett	Basinett #9	330'S 330'E NWC SE	McClosky	3265	0	G.L. 468'
Dean N. Basnett	Mauck Etal #5	550'S 530'W NEC SE NW	McClosky, O'Hara	3347	140	G.L. 475'
Dean N. Basnett	Mauck Etal #6	590'S 330'W NEC NE SE NW	Aux Vases	3200	09	G.L. 466'
Dean N. Basnett	J. Straub #1	330'S 330'E NWC SW NE	McClosky	33691	105	G.L. 472'
Dean N. Basnett	Vandeveer #1	350'N 330'W SEC NE NW	McClosky, O'Hara	3375'	96	G.L. 476°
Dean N. Basnett	Vandeveer #2	530'S 530'W NEC NW	O'Hara	33081	20	G.L. 474'
Eagle Land Development, Inc.	J. Copeland Comm. #1	Sec. 20 IS 7E 330'N 330'W SEC NW NW	Aux Vases	38601	30	G.L. 427'
Gulf Coast Explorations, Inc.	Rudesill-Richardson Comm. #1	Sec. 22 IS 7E 330'N 330'E SWC NW NW Sec. 23 IS 7E	Salem	3985	37	G.L. 420°

OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАГ	EST. IP DAILY-BBLS.	ELEVATION
WAYNE COUNTY(contd.)						
Guif Coast Explorations, Inc.	F. Taylor #1	3301S 5751E NWC NW SW NW	Salem	3957	01	G.L. 420'
Guif Coast Explorations, Inc.	F. Taylor #2	330'N 330'E SWC NW	McClosky	39281	01	G.L. 422'
Kaiser Energy, Inc.	M. Gray #1	350'N 350'E SWC NW NE	McClosky	33701	65 %	G.L. 464'
Steven A. Zanetis	Moore-Valimar Comm. #1	560, 28 13 /E 660'S 330'W NEC SW NW	McClosky	33091	35	G.L. 462'
Steven A. Zanetis	J. Stine #1	990'N 330'E SWC	McClosky	34401	30	G.L. 453'
Steven A. Zanetis	Stine #B-1	330'S 330'W NEc SW SW	McClosky	33211	7	G.L. 465'
Taylor 0il ℃.	Musgrave Com. #1	Sec. 32 15 /E 330'N 990'W SEc	Salem	39101	86	6.L. 423' F
Van Fossan Oil Associates	Clyde Robbins #1	Sec. 34 15 /E 990'N 990'W SEC NW	McClosky	38861	40	G.L. 395'
Robinson Prod., Inc.	Blessing #B-1	330'N 660'W SEC SW	Aux Vases	3300'	27	G.L. 425'
B & G Oil Development Corp.	Larry Ruhl #A-1	330'N 355'E SWC NE	McClosky	3342'	2	G.L. 408'
Paramount Oil & Gas Corp.	Delbert Ellis #2	330'N 330'W SEC NW SW	Aux Vases	33001	34	G.L. 478'
M & J Oil Co., Inc.	Maśśle #1	Sec. 28 15 8E 600'N 804'E SWC	McClosky	40501	2	G.L. 399'
Triple, C 011 Producers, Inc.	Frank Bunnage #2	Sec. 3 IS 9E 330'N 990'W SEC NW	Aux Vases	3272	40	G.L. 381'
Taylor Oil ℃.	F. Gray #T-1	Sec. 20 15 9E 990'S 660'E NWC NW NW	Salem	39401	32	G.L. 409'
Taylor 011 Co.	Blessing Comm. #1	330'S 330'E NWC NE NE	Salem	39801	011	G.L. 417'
Sunrise Exploration, Inc.	B. Nation #1	330'S 330'W NEC SE SE	O'Hara	40001	06	G.L. 380'
Sunrise Exploration, Inc.	Howard K. Vogel #1	330'S 330'E NWC SW SW	Salem .	4000	70	G.L. 378'
Van Dyke Oil, inc.	Oren Cox Etal #1	Sec. 54 ZS /E 330'N 330'E SWC NW NW Sec. 3 ZS 8E	O'Hara	3345'	48	6.1. 450'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
						49 40
WAYNE COUNTY(contd.)						
Rocket Petroleum, Inc.	A. McGehee #1	330'S 330'W NEC NE SE NW	Aux Vases	33121	50	G.L. 413'
0.M.M. Oil Producers, Inc.	Lillian Wood #1	341'N 647'W SEC NE NW	McClosky	4105	01	G.L. 432°
J.C.L.T.D. Developers, Inc.	Charles Sanders Etal #2	330'N 330'W SEc SW	McClosky	34191	12	G.L. 436'
J.C.L.T.D. Developers, Inc.	Sanders-Hubble Unit #1	Sec. 20 25 8E 330'N 330'E SWC NE SW	McClosky	39621	34	G.L. 438'
S & B Exploration, Inc.	Saries Etai #1	350'N 330'E SWC SE	McClosky	3410'	6	G.L. 427'
S & B Exploration, Inc.	Boze Heirs #2	Sec. 20 25 8E 990'S 660'E NWC	McClosky	40831	35	G.L. 484¹
S & B Exploration, Inc.	Boze Heirs #3	330°S 330°E NWC SW NW	McClosky	34311	40	143
S & B Exploration, Inc.	Boze Heirs #4	330'S 330'W NEC SW NW	McClosky	3466 1	35	G.L. 4911
S & B Exploration, Inc.	Boze Heirs "A" Lse, #3	350'S 350'W NEC NW	McClosky	34401	91	G.L. 459¹
S & B Exploration, Inc.	Vaughan Etal Unit #1	564'S 450'W NEC SE NE	Salem	4077	ω	G.L. 449'
Homoo, Ltd.	O'Daniel #7	Sec. 33 25 8E 990'N 330'W SEC NE	Aux Vases	40481	30	G.L. 383'
Vandyke Oil, Inc.	Vaughn Etal #1	1650's 330'E NWC NE	McClosky	3450	12	G.L. 383'
Fairfield Oil Co.	Hooper #1	56c, 9 25 9E 530'S 330'W NEC SE	Rosiciare	4234	88	G.L. 448°
Gordon T. Jenkins	R.S. Vaughan #1	550. 50 25 9E 530'S 530'W NEC SE	Aux Vases	3900	18	G.L. 389¹
Gordon T. Jenkins	M. Moore #1	Sec. 31 25 9E 330'S 715'W NEC SW SW	McClosky	34001	2	G.L. 386'
Demier Oil Co.	Parker-Demier #1	570 'N 330 'W SEC NE SE	Salem	4243*	01	G.L. 403'
Pawnee 011 Corp.	Alamo-Farms-McKinney Comm.#2	330'N 660'W SEC NE NE	Dutch Creek	53431	31	G.L. 412'
Pawnee OII Corp.	Rawls #3	Sec. / 55 OE 330'N 330'E SWC NW NW Sec. 8 35 6E	Dutch Creek	53651	26	G.L. 644'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WAYNE COUNTY(contd.)						
Ivan R. Jones	Belswenger #1	330'S 330'W NEC SW NE	Salem	3965	30	G.L. 409'
Ivan R. Jones	Zurliene #3	330'S 660'W NEC SW SE	Salem	55601	87	G.L. 4191
Mid-America Petroleum Corp.	W. K. Musgrave #1	330'S 330'E NWC SW SE	Rosiclare	3602	58	G.L. 466'
St. Genevieve Petroleum	Wilson Etal #1	Sec. 16 35 8E 330'N 330'E SWC NW NE	Aux Vases	4390	29	6.L. 372°
S & B Exploration, Inc.	Vaughn Etal Unit #1	58c. 18 35 8E 530'N 330'E SWC	McClosky	35001	12	G.L. 478'
Stan-X Oil Co., Inc.	Vaughn-Poilard Unit #1	360'N 330'W SEC SW SW	McClosky	34801	9	G.L. 448'
Robinson Production, Inc.	J. Moore #1	Sec. 5 35 9E 330'S 330'E NWC NW NW SW	Warsaw	4222	21	G.L. 4611
Robinson Production, Inc.	Musgrave #1	Sec. 6 35 9E 330'S 330'E NWC NE NW	Aux Vases	34621	2	G.L. 416'
Steven A. Zanetls	Hawfele #B-I	Sec. 6 35 9E 330'S 990'W NEC SW Sec. 9 35 9E	McClosky	42001	34	G.L. 385'
WHITE COUNTY						
Mid-America Petroleum Corp.	Harris Etal Unit #3	330'S 330'E NWC NW NE SE	McClosky	35601	82	G.L. 450'
Mid-America Petroleum Corp.	Mili Shoals Etal Unit #1	330'S 330'W NEC SW SE	McClosky	35331	82	G.L. 425'
Gunner Energy Corp.	Smothers #1-A	330'S 480'W NEC SE NE	O'Hara	3547"	40	G.L. 452'
Mid-America Petroleum Corp.	Black #1	330'S 330'E NWC SE NW	McClosky	3600'	44	G.L. 481
Mid-America Petroleum Corp.	Black #2	330'N 660'E SWC SE NW	McClosky	36151	45	G.L. 502'
Mid-America Petroleum Corp.	V. C. Harris #3	Sec. 21 55 8E 330*N 330*W SEC NW SE	Rosiciare	3561	01	G.L. 438'
Mid-America Petroleum Corp.	W. K. Musgrave #1-A	Sec. 21 35 8E 330'N 330'E SWC NW NE Sec. 21 35 8E	McClosky	35731	15	G.L. 447'

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OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
V F + T - V X L M IVO L L I I I I I						
MId-America Petroleum Corp.	Rainwater #2-A	330'S 330'W NEc SW	McCloskv	35401	15	G.L. 459'
Mid-America Petroleum Corp.	Raintwater Unit #3	Sec. 21 3S 8E 330'S 330'E NWC SW NW	McClosky	36001	57	G.L. 496'
Jerry D. Scott, Sr.	J. A. McIntosh #1	Sec. 21 35 8E 362'N 330'E SWc	0'Hara	3397	25	G.L. 376¹
Quatro Energies Corp.	Carter-Pollard #1	Sec. 31 3S 8E 330'N 660'W SEC NE SE	Warsaw	4194	62	G.L. 418†
D & K Oll Co., Inc.	ivan Elliott Etal #2	Sec. 26 3S 9E 440'N 330'E SWC	Salem	41501	80	G.L. 447'
D&KOil Co., Inc.	Ivan Elliott Etal #4	Sec. 27 35 9E 660'N 1650'E SWC	Salem	4307	55	G.L. 456'
Jerry E. Friend	J. EIIIot #I	Sec. 27 55 9E 530'N 330'E SWC NW SW	Warsaw	3230	70	G.L. 456' 5
Jerry E. Frlend	W. S. Carter #1	560'N 660'W SEC	Salem	41501	01	G.L. 416°
Doral Energy, Inc.	Ward Heirs #1	Sec. 28 35 9E 330'S 330'W NEC SE SW	Aux Vases	3525	56	G.L. 419'
Steven A. Zanetis	A. Barbre #1	530'S 530'W NEC	Warsaw	4150	140	G.L. 410°
Steven A. Zanetis	H. Burroughs #1	560. 55 55 9E 660'S 530'W NEC NW NE	Warsaw	4331	30	G.L. 444°
Ernest Exploration, Inc.	Hon Uni+ #!	530'S 330'W NEC SE	Salem	42001	40	G.L. 434'
D & K 0il Co., Inc.	Ivan Elliot† Etal #1	Sec. 33 35 9E 430'S 565'E NWC	Salem	41814	55	G.L. 432'
D & K 011 Co., Inc.	Ivan Elliott Etal #3	Sec. 34 55 9E 330'S 1690'E NWC	Salem	42201	65	G.L. 470'
Steven A. Zanetis	L. Jordan #1	330*N 990*E SWC SW NW	Rosiclare	43101	43	G.L. 423'
WEK, Inc.	Heny Berry #1	Sec. 54 55 9E 400'N 330'E SWC SE SW	Cypress	39501	01	G.L. 389'
Parks & York Drig. Co.	Woodrow Carter #4	550. 22 55 10E 530'S 530'W NEC NW NW	Benoist	3230	4	G.L. 404'
Craden, Inc.	Craig Wells #2	Sec. 23 35 106 360'S 330'E NWC NE NE Sec. 23 35 10E	Cypress	3158	5	G.L. 426'

OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАL DEPTH	EST. IP DAILY-BBLS.	ELEVATION
WHITE COUNTY(contd.)						
Parks & York Drig. Co.	Reiffle #3	330'N 330'E SWC SE SE	Warsaw	4150	40	G.L. 468
Mödern Explorations	Daniels #5-A	350'S 330'W NEC	McClosky, O'Hara	33001	24	6.L. 4211
Louis A. Pessina	E. H. Morris "B" Lse. #5	990'N 1650'E SWC	Warsaw	3895	50	G.L. 401'
Louis A. Pessina	Morris "C" Lse #1	330'S 330'E NWC	Warsaw	39021	215	G.L. 432"
Louis A. Pessina	Morris "C" Lse #2	330 N 405 W SEC NW NW	Warsaw	40951	25	G.L. 444'
Parks & York Drig. Co.	Clarence Seifried #A-I	330'N 330'E SWc SE SW	Warsaw	3960	20	6.L. 431'
Modern Explorations	Green #5	330'S 990'W NEC NW SE	Aux Vases	3100	13	6.L. 404' pr
Brown Enterprises	Curd #1	330*N 330*W SEC NE SW	O'Hara	35651	40	G.L. 378°
Circle Four Developers, Inc.	Chris Fields #1	350'N 660'E SWC NW	McClosky	3573'	Prod.	6.L. 390'
MMW 011 Properties, Inc.	Pava Brown #1	350'S 350'W NEC SE SW	O'Hara, McClosky	35001	20	G.L. 478'
Jim Haley Production Co.	Larry Williams #1	530'S 570'E NWC SE NE	O'Hara	0009	5	G.L. 4811
MMW 011 Properties, Inc.	Halbert Barbre #3	330'S 330'E NWC NE	McClosky	3572	25	G.L. 455'
Viking 0il ∞.	Carr Unit #4-A	990'S 330'E NWC NE	O'Hara	3225'	80	G.L. 434'
Viking Oil Co.	Carr Unit #5-A	350'S 350'W NEC NW NE	McClosky	3220	09	6.L. 435'
Viking 011 00.	Dennis #1	330'N 330'E SWC NE SE	Penn.	3229	45	G.L. 432'
Viking 011 Co.	Finch Etal #3	330'S 330'W NEC SE NW	St. Louis	3210'	35	G.L. 430'
Texas Enegy Development Corp.	Jesse Porter #1	330'S 330'E NWC SE NE	O'Hara	41001	72	G.L. 403
F. L. Beard	J. J. Bond #1-A	Sec. 20 45 106 330'N 430'W SEc NW SE Sec. 8 45 14W	Warsaw	39301	20	6.1. 373'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WHITE COUNTY(Contd.)						
Wabash Oil Co.	Potter #2-W	660'N 330'E SWC SE NW	Warsaw	39291	25	6.L. 375'
Wabash OII ∞.	Glaze #B-9	350°S 660°W NEC	Warsaw	39091	35	G.L. 367
Superior 011 Co.	E. S. Jacobs #B-2	350°S 350°W NEC NW SW	Aux Vases	2902	20	G.L. 374'
Superior OII Co.	E. S. Jacobs #8-7	29C, 28 43 14W 400 'S 820 'W NEC NW SW Sec 28 45 14W	Aux Vases	2900	7	G.L. 374'
Superior 011 Co.	Jacobs #A-23	350'S 330'W NEC SW NW	Bethel	29951	51	G.L. 370'
Superior 011 Co.	J. R. Collins #3	330'N 990'W SEC NW	Aux Vases	2876	-	G.L. 369'
Superior Oil Co.	J. R. Collins #4	330°S 990°W NEC SE NW	Aux Vases	2874	15	6.1. 373' 57
Superior Oil Co.	E. R. Greathouse #29	330'S 330'E NWC SW	Aux Vases	29001	87	G.L. 367'
Superior Oil Co.	R. A. Henning #2	350°S 350°W NEC SW NW	Aux Vases	29001	30	G.L. 376'
Superior 011 Co.	R. A. Henning #4	330'S 330'E NWC SW NW	Aux Vases	28941	45	G.L. 375'
Superior 011 Co.	R. A. Henning #6	380'N 330'E SWC NW	Aux Vases	29931	77	G.L. 367'
Prairie Energy, Inc.	Wicker #1	330'N 430'W SEC	McClosky	35091	Prod.	G.L. 453'
So. III. OII Producers, Inc.	C. Apple #2	330'N 430'E SWC NE SE	McClosky	34531	Μ	G.L. 437'
So. III. OII Producers, Inc.	Charlene Price #3-8	350'S 330'E NWC NE SE SW	McClosky	34461	81	G.L. 439'
Prairie Energy, Inc.	K. Wilson #1-B	330'S 330'W NEC SE NE	Warsaw	43051	Prod.	G.L. 4511
Prairie Energy, Inc.	Jesse L. Storey #2	330'S 330'W NEC NW	Benoist	34921	Prod.	G.L. 474'
Prairle Energy, Inc.	John W. Storey #4	330'N 330'E SWC SW NE	Benoist	3475	Prod.	G.L. 466'
Downen Prod. Co.	B. Dosher #1	Sec. 35 55 8E 990'S 330'W NEC NW Sec. 19 5S 9E	St. Louis	41001	36	G.L. 412'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
V CATALOG STATE						
WHILE COUNTY (CONTO.)						
Jordan Oil & Gas Co.	Harrawood #1	330'S 2000'E NWC NW	Cypress	3400	7	G.L. 486*
Wm. & Phyllis Becker	Stewart Etal Unit #1	330'N 330'E SWC NW SW	McClosky	3350'	۲	G.L. 446'
Atek Drig. & Prod. Co.	M. L. Armstrong #3	330'S 330'W NEC SE SW	Rosiclare	32401	37	G.L. 445'
Terry White Oii Co., Inc.	Hall #6	330'N 330'E SWC NW SW	Rosiclare	31841	09	6.L. 432"
Terry White Oil Co., Inc.	James Hall #7	350'S 330'E NWC SW SW	Rosiciare	3200	42	G.L. 4331
Archie Brown	McCarty #1	330'N 330'W SEC	O'Hara	3250	78	G.L. 484'
Atek Drig. & Prod. Co.	Zieren Land Trust #8-2	330'S 330'W NEC NW SE	McClosky	32161	33	G.L. 458' 87
Richard W. Beeson	Mokler #2	550'S 530'E NWc SW SW	0'Hara	3140"	٦.	G.L. 381'
Hydrocarbon Investments, Inc.	Lawrence Brown #3	330'S 660'E NWC SW SW	Waltersburg	32001	٣	G.L. 382'
Hydrocarbon Investments, Inc.	Lawrence Brown #5	330'S 330'W NEC SE NW	Aux Vases	32031	35	6.1. 3811
Hydrocarbon Investments, Inc.	Lawrence Brown #6	Sec. 11 55 10E 430'S 330'W NEC NW	McClosky	32151	y	6.1. 374'
Allen J. Smith	Gene Ackerman #1	330'N 330'W SEC NE NE	Aux Vases	32131	43	G.L. 424'
Conyers Oil & Gas Co., Inc.	Charles Garner #2	330'N 330'E SWC SE Fr. SW	Aux Vases	30501	115	6.1. 367
Conyers Oil & Gas Co., Inc.	Charles Garner #3	330'S 330'E NWC SE SW	Aux Vases	3052	105	G.L. 364'
Conyers Oil & Gas Co., Inc.	Charles Garner #4	330'S 330'W NEC SW SW	Aux Vases	31701	32	6.1. 360'
Atek Drig. & Prod. Co.	Wilburn Duvall #1	330'S 480'E NWC NE NW	Aux Vases	32731	37	6.1. 366'
Strata OII, Inc.	K. R. Roser #1	330'N 330'E SWC	Rosiclare	32001	5	6.1. 370'
Keron Oil Development	Bingman Etal #1	Sec. 30 35 11E 330'S 330'E NWC SE Sec. 19 55 14W	Aux Vases	3067	72	6.1. 360'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WHITE COUNTY (Contd.)						
+ compo   Const.	Bloomer Ftel #2	330'W NEC NW SE	Allx Vaces	3056	2	G.L. 364'
Keron OII Development					<u>.</u>	
Viking Oil Co.	Henning "A" Lse. #1	330'N 400'E SWC NE	Aux Vases	3290	216	G.L. 3631
Viking 011 Co.	Henning "B" Lse. #1	330'N 330'W SEC NW NE	Aux Vases	32601	40	G.L. 3641
VIking 011 Co.	Henning "A" Lse. #2	330'S 330'W NEC SW	Aux Vases	3215'	80	G.L. 368¹
VIKING 011 Co.	Henning "A" Lse, #3	330'N 330'W SEC NW	Aux Vases	31701	200	G.L. 370°
Viking 011 Co.	Henning "A" Lse. #4	330'S 380'W NEC SW NE	Aux Vases	3160	150	G.L. 362¹
Viking 0il Co.	Henning "A" Lse. #5	330'N 330'W SEC SW NE	Aux Vases	31601	130	9 295, 19
Viking 0i1 ℃.	Greg Kempf #1-B	330'S 330'E NWC NE NE	McClosky	3234	50	G.L. 370'
Modern Explorations	Healy #1	990'N 330'E SWC SE SE	Aux Vases	3400	06	G.L. 395'
Barak 011 Corp.	C. Taylor #1	330'S 330'E NWC	McClosky	42001	62	G.L. 394'
Ram OII Co.	McPeak Etal Unit #1	330'S 330'E NWC SW	Aux Vases	31881	54	G.L. 415'
Ram 011 Co.	McPeak Unit #2	Sec. 18 6S 8E 330'N 330'E SWC NW SW	Aux Vases	34001	60	G.L. 412°
Greater Mid-West Oil Co., Inc.	Warren Etal #1	Sec. 18 6S 8E 963'S 988'W NEC	McClosky	3344*	76	6.1. 395
Brehm Investment Group, Inc.	Thurman Austin Comm. #1	380'N 330'W SEC NW SW	Warsaw	3966	09	G.L. 476'
A. J. Slagter III	Fulkerson-O'Neal Comm. #1-A	305'S 330'W NEC SE NE	Cypress	27381	30	G.L. 514'
Exxon Corp.	Vern O. Holland #1	330'S 400'W NEC SE	Warsaw	40201	31	G.L. 506'
Dwight Brehm Resources	Redwine-Austin "A" #1	330'N 330'E SWC NE SW	Penn.	2000	99	G.L. 491'
A. J. Slagter III	Trustee-Newcomb #3-A	Sec. 35 bS 9E 330'N 380'E SWC NE NE Sec. 33 6S 9E	Warsaw	4025	268	G.L. 487'

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WHITE COUNTY(Contd.)						
Keating 011 Co.	Morris #1	340'S 330'E NWC NE SW	McClosky, Aux Vases,	39141	63	G.L. 426'
+ eax	C# 0:177	Sec. 35 6S 9E 330'N 415'F SWC NF SW	O'Hara McClosky, Aux Vases,	40004	30	G.L. 452'
•	1	!	Rosiciare	1000	1 2	1000
Terry White Oil Co., Inc.	Howard Bosley #1	330'N 330'W SEC NW SE Sec. 3 6S 10E	Aux Vases	3960	4	G.L. 5/8'
Humbolt 011, Inc.	Duvall #2	330 'S 990'W NEC	Salem	3972	20	6.L. 368°
Strata Oil, Inc.	Albert Wooten #2	330'S 330'W NEC SW NW	St. Louis	41001	51	6.1. 368
Strata Oil, Inc.	Albert Wooten #3	579'S 330'W NEC NW SW	Warsaw	4200	5	6.L. 372°
Absher Oil Co.	Karch #6	Sec. 10 6S 10E 330'S 330'W NEC NW SE	Aux Vases	30531	140	G.L. 357' 5
Absher 011 Co.	Karch #7-A	Sec. 13 6S 10E 390'N 330'W SEC NW SE	Aux Vases	3078'	74	6.1. 368'
111. Basin Petroleum Dev.Corp	Kenneth W∞lsey #3	Sec. 13 6S 10E 330'S 330'W NEC SW SE	Warsaw	3886	2	G.L. 3691
Terry White Oil Co., Inc.	Ackerman-Tooley #1	Sec. 20 65 10E 660'S 660'E NWC	Warsaw	3934	91	6.1. 366'
Murphy 011 Co.	Truscott #1	Sec. 22 6S 10E 330'S 1650'E NWC SW	Aux Vases	3014"	Prod.	G.L. 364'
Kato Operating ∞.	Roland West Unit-Tr.5 #2	330'N 330'E SWC SE SW	McClosky	31001	35	G.L. 376'
RJK 011 00.	James Harrell #1	Sec. 4 75 BE 330'N 330'W SEC	0'Hara	3050	091	6.1. 368'
RJK 011 Co.	F. E. Morris #A-1	330'N 330'E SWC	O'Hara	31001	120	G.L. 370'
RJK 011 ∞.	F. E. Morris #A-2	330'S 330'E NWc SW SW	Rosiciare	36751	4	6.1. 369'
Kato Operating Co.	Roland West Unit #6-2	330'S 330'E NWC NE NW	Aux Vases	30001	180	G.L. 372'
Kato Operating Co.	Roland West Unit #7-2	590.9 /5 8E 990'S 330'E NWC NE NW	Aux Vases	30801	30	G.L. 371'
Van Fossan Oll Associates	Steve West #2	350'S 330'W NEC NW NW Sec. 9 7S 8E	Aux Vases	3105	247	G.L. 377°
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OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WHITE COUNTY(contd.)						
Van Fossan Oil Assoclates	Steve West #3	330'N 330'E SWC NW NW	Aux Vases	3102'	192	G.L. 374'
RJK 011 00.	Curtis Thomas #1	330 N 330 E SWC	O'Hara	3027	0	G.L. 426'
Murvin Oil Co.	Blazier #B-1	330'N 990'W SEC NE SE	Aux Vases	29901	20	G.L. 398'
Murvin Oil Co.	Blazier #C-1	330¹N 330¹E SWC NW SE	Aux Vases	29931	20	G.L. 394'
Strata 011	Dillard O'Neal #6	385'N 385'E SWC NW SW	UIIIn	52781	87	G.L. 581'
Strata Oil	Dillard O'Neal #8	330'N 330'W SEC NW SW	St. Louis	34421	2	G.L. 523'
Basin Energy Corp.	Beck Comm. #1	350'N 350'W SEC NW NE	0'Hara	31501	114	G.L. 464° 157
Basin Energy Corp.	Beck #6	350'S 330'E NWC NE NE	O'Hara	31851	24	G.L. 479'
Basin Energy Corp.	Sutton-Downen #A-2	330'S 330'W NEC NE SE	Rosiclare	32111	77	G.L. 491'
Herr & Miller Drig.	Knight #2	330'N 360'W SEC SW SW	St. Louis	3300'	42	G.L. 406'
Herr & Miller Drlg.	Weas Heirs #1	330'N 330'E SWC SE SW	St. Louis	32891	63	G.L. 409'
Robinson Engineering	Snively #1	550'S 530'E NWC NE	Rosiclare	30801	36	G.L. 413'
Downen Production Co.	Herbert Ellison #1	550'N 530'W SEC NW	Biehl	2840'	Prod.	G.L. 423'
Downen Production Co.	Leon Noel #A-1-W	330'N 330'W SEC NE	St. Louis	3350'	Prod.	G.L. 397'
Robinson Engineering	John M. Wilson #2	990'N 330'W SEC SW SE	Cypress	2780	65	6.1. 397'
Dwight Brehm Resources	Baumgart #2	330'S 330'W NEC NW NW	McClosky, Rosiclare	3030'	92	G.L. 358'
Dwight Brehm Resources	Baumgart #3	Sec. 11 /S 10E 330'N 660'W SEC NW NW	Cypress	29661	61	G.L. 364'
Dwight Brehm Resources	Baumgart #4	Sec. 11 /S 10E 330'S 330'W NEC SW NW Sec. 11 7S 10E	Cypress	2634"	0.	G.L. 359'

## PRODUCING WELLS COMPLETED IN 1985

ELEVATION	6.1. 346'	
EST. IP DAILY-BBLS.	<b>2</b> 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
TOTAL	2522	
FORMATION	Cypress Cypress Cypress	
LOCATION	330¹N 330¹W SEC SW NW Sec. 23 7S 10E 330¹S 330¹E NWC SW NW Sec. 23 7S 10E 530¹N 330¹W SEC SE NW NW Sec. 23 7S 10E	
WELL NAME	Rowe # 4 Rowe # 4 Fowe # 5	â
OPERATOR	WHITE COUNTY(contd.) Paul Wade Paul Wade	

	ELEVATION		1 5//21	G.L. 575'		G.L. 728'	1	53	6.1. 030	G.L. 607	G.L. 601'	G.L. 589'	6.1.500			G.L. 591'	G.L. 561'	G.L. 617'	G.L. 655'
	EST, IP DAILY-BBLS.		Pold			20							Prod.			7	10	11 6	Prod.
	TOTAL · DEPTH		10861	22831		719'		17071	1400	19091	1894	1830	18301			1200,	1200'	260'	3056
	FORMATION		1,001	Devonian		Silurian			benoist	Silurian	Silurian	Silurian	Silurian			St. Louis	St. Louis	Aux Vases	Mississippi
PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS	LOCATION		330'N 330'W SEC SE SW NW	660'N 330'E SWc SE Sec. 33 7N 2W		330'N 330'E SWC NW NW NE Sec. 19 2S 4W		330'N 330'E SWc	330'N 330'E SWC SW SE SW	330'S 380'E NWC NW SE NW	330'S 660'W NEC SW SE	Sec. 27 15N 3W 330'N 330'E SWC SE	Sec. 27 15N 3W 990'S 660'E NWC NE		330'N 330'E SWc SE NW	Sec. 30 10N 13W	Sec. 30 10N 13W	330'N 330'W SEC NW Sec. 23 10N 14W	330'S 330'E NWC SW SE Sec. 7 11N 14W
PRODUC	WELL NAME		C & H Schwarz #1	Durr #4		House #1		Doty #1-D	Kreher #1	Osbern "A" #3	Vroom SMB #2	Vroom SMB #3	Vroom SMB #6		Au1d #5	6 2	Spraker #2	Eleanor Gallatin Etal #2	Florence M. Gibson #2
	OPERATOR	BOND COUNTY	Ceja Corp.	Bi-Petro, Inc.	BROWN COUNTY	Buck Wheat Resources, Inc.	CHRISTIAN COUNTY	Ready Drilling Co.	Bernard Podolsky	Bernard Podolsky	John Carey Oil Co., Inc.	John Carey Oil Co., Inc.	John Carey Oil Co., Inc.	CLARK COUNTY	Duncan Oil Co.		Duncan Oil Co.	Jason Recovery Systems, Ltd.	Marion Partlow Oil Producer, Inc.

	PRODUC	PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLARK COUNTY (Contd.)						
Huff Drilling Co., Inc.	Doit L. Biggs #17	660'S 220'W NEC SW NE	St. Louis	405	٣	G.L. 650'
Huff Drilling Co., Inc.	Doit L. Biggs #18	220'N 220'W SEC SW NE Sec. 9 11N 14W	St. Louis	400,	4	G.L. 642'
Huff Drilling Co., Inc.	Doit L. Biggs #21	220'S 220'W NEC SW NE Sec. 9 11N 14W	St. Louis	4007	9	G.L. 646'
Huff Drilling Co., Inc.	Doit L. Biggs #24	220'S 220'W NEC SE NW Sec. 9 11N 14W	St. Louis	4004	5;	G.L. 631'
Triple S Oil Producers, Inc.	Huisinga #1-C	990'N 940'W SEC SW SE	Trenton	2536	23	G.L. 671'
Rom-Oil Ltd. Keith Romack	Huisinga #1-R	330'S 330'E NWC SE	Trenton	2522*	35	G.L. 671'
Triple S 011 Producers, Inc.	Huisinga #2-B	330'N 330'E SWC NE Sec. 17 11N 14W	Trenton	2515		154 ,599 .T.9
John H. Ryan	Endsley #3-T	960'S 330'W NEC NW SE Sec. 32 12N 14W	Trenton	2535	15	G.L. 689'
CLAY COUNTY						
Estate of John M. Zanetis	Roy-Pan #1	990'S 330'E NWC NE	McClosky	3100'	10	G.L. 423'
Monrae Oil & Gas Corp.	Moseley #7	330'N 330'E SWC NE SW Sec. 16 2N BE	Salem	3700	90	G.L. 453'
Monrae Oil & Gas Corp.	Moseley #8	330'S 380'W NEC SW SW Sec. 16 2N 8E	Salem	37001	62	G.L. 455'
Triple C Oil Producers, Inc.	Hosselton Etal #1	330'S 330'E NWC NE SW Sec. 17 2N 8E	Salem	3610	9	G.L. 454°
Roger E. Franklin	Patridge Heirs #1	480'S 330'W NEC SE NW Sec. 1 3N 7E	Tar Springs	2321	2	G.L. 443*
Barak Oil Corp.	R. G111 #2	430'N 405'W SEc SW SE Sec. 10 3N 7E	Benoist	3050	7.5	G.L. 453'
Barak Oil Corp.	Gill Trust #3	330'N 330'E SWc SE SW Sec. 10 3N 7E	Benoist	3040,	15	G.L. 449'
Daniel M. Sulsberger	G. Harrison #2	940'N 330'E SWc SE SE Sec. 10 3N 7E	Benoist	3020'	17	G.L. 430°

	PRODUC:	PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLAY COUNTY (Contd.)						
Daniel M. Sulsberger	Raley #2	330'N 380'W SEC NW SW	Cynress	3000	20	G.L. 437'
Fryhureer Production CoInc.	Staser #1	330'N 390'E SWC NE NW			C	
		Sec. 14 3N 7E	Aux Vases	3100	70	6.L. 433
Daniel M. Sulsberger	Franklin Heirs #1-B	430'S 330'E NWC NE NE Sec. 15 3N 7E	Aux Vases	2930	35	G.L. 452'
Robison Oil Co.	King Heirs #1	330'S 330'E NWC SE Sec. 15 3N 7E	Aux Vases	3050	35	G.L. 460'
Robison Oil Co.	Smith #2	330'N 330'W SEC SW SW	W.C.100k	3116	20	G.L. 458'
Barak O41 Corp.	Thompson #4	380'S 380'W NEC NW NE	HOTOSKY	0000	: 8	1977
		Sec. 15 3N 7E	Benoist	3029	26	15
Gator 011 Co.	Dunahee #2	330'S 330'E NWC SW NE Sec. 16 3N 7E	Benoist	2880	15	G.L. 460' S
Gator Oil Co.	Welter #2	330'N 330'W SEc NE SE		2015	20	6 1 7521
		Sec. 16 3N 7E	Benoist	2017	ว	304 - 375
Gator Oil Co.	Smith #1	330'S 990'E NWC NE Sec. 21 3N 7E	Salem	3511	20	G.L. 457'
Gator 011 Co.	Smith #3	990'S 330'E NWC NE NE	Tar Springs	2322	35	G.L. 456'
Gator Oil Co.	Thompson #1	990'S 330'W NEC NW		10002	25	6.1. 456
	4 4 4	Sec. 21 3N 7E	St. Louis	2530	3	
Lawrence 011 Co.	Taylor #2-B	Sec. 24 3N 7E	Salem	3612'	37	G.L. 435'
Kaaren J. Bangert	E. M. Bangert #4	330'S 330'E NWC NW SW NE	Aux Vases	3045	20	G.L. 420'
C A Bobinson/Robinson Engineering Emma Dawkins #1	e Emma Dawkins #1	990'S 330'W NEC SW		0000		1/0/
C.A. AODINSON MODINSON MARKET	0	Sec. 12 4N 6E	Rosiclare	3000	ν.	G.L. 484
Wilson Well Service, Inc.	Conley-Kessler Comm. #1	400'S 330'E NWc SE Sec. 22 4N 7E	Aux Vases	2945	2	G.L. 464'
Barak Oil Corp.	A. Weidner #1	330'S 330'E NWC SE NW	Any Vacac	3030	80	G.L. 464'
	Doment 110   60 #1	990'N 330'E SWC NE			,	4
Walter R. Sledge	rairei woile #1	Sec. 35 5N 7E	Rosiclare	3235	20	G.L. 488'
Midwest Oil Producers	S. Iffert #1	330'S 330'E NWC SE SE Sec. 34 5N 8E	Aux Vases	2990	07	G.L. 473'

	PRODUCI	PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CLINTON COUNTY						
Elmer Oelze, Jr.	Maurice Billhartz #2	330'N 490'E SWC NE NE Sec. 21 1N 5W	Devonian	2087*	15	G.L. 433'
Elmer Oelze, Jr.	Jerome Kalmer #2	820'N 330'E SWc SE SE Sec. 21 1N 5W	Devonian	2082	22	G.L. 431'
Elmer Oelze, Jr.	Fischer #4	990'N 425'E SWc Sec. 28 1N 5W	Devonian	2071'	10	G.L. 426°
ALMIN COUNTY						
COLES COONT	\$ 6	400'S 330'W NEC SE NE				1 758'
Safari Oil Co.	Gray #2-B	Sec. 3 11N 7E	Osage	2460	0,7	
Charles Armantrout	Gray #2-A	330'N 330'E SWC NE Sec. 36 12N 7E	Cypress	21111	30	G.L. 770' 9
Charles Armantrout	Gray #4	330'S 330'E NWC NW NW SW Sec. 36 12N 7E	Cypress	2050'	30	G.L. 763'
CRAWFORD COUNTY						
Garrett A. Pendergast	Leon Neer #2	3	Robinson	971'	-1	G.L. 521'
Fair-Rite Products Corp.	Mattox-Mullins #2	330'S 380'E NWC NE SE Sec. 9 5N 12W	Penn.	1223*	Prod.	G.L. 525'
Fair-Rite Products Corp.	Rodgers #3	M	Penn.	,996	10	G.L. 530'
E. L. Whitmer, Inc.	Oak Ridge Flood-Foster Cullom #2	330'S 360'E NWc SE Sec. 17 5N 12W	Robinson	1002	Prod.	G.L. 501'
Three Star Drlg. & Prod. Corp.	Frank Hout #7	Ä	Robinson	1030	Prod.	G.L. 495'
Three Star Drlg. & Prod. Corp.	Frank Hout #8		Robinson	1055'	3	G.L. 500'
Three Star Drlg. 6 Prod. Corp.	Allen P. Mann #4	330'N 330'E SWC NE NE Sec. 12 5N 13W	Robinson	10181	55	G.L. 461'
Maurice Arbuckle	Fox #1	330'N 330'W SEC SW SW Sec. 15 6N 11W	Robinson	,056	Gas	G.L. 470'

											157																
			ELEVATION		G.L. 493	G.L. 513'	G.L. 500'	G.L. 494	G.L. 522'	G.L. 537	G.L. 537'	G.L. 561'	6.1. 527		6.1. 320	G.L. 520'	G.L. 520'		G.L. 521'	G.L. 522'	1202	G.L. 526	1 5231	6.1. 020	G.L. 531'	,	6.L. 53U
			EST. IP DAILY-BBLS.		2		٠,	18							97	12	15		9	22	,	^	1,	71	24		50
,			TOTAL		1530'	1076	1100	1100,	1082	1140	1149	1043,	10601		.0501	1057	1037		1057	1050		1033,	1,000	1036	1074'		1074
			FORMATION		Anx Vases	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	1000000	VODTIISOII	Robinson	Robinson	Robinson		Robinson	Robinson		Robinson		Robinson	Robinson		Robinson
	PRODUCING WELLS COMPLETED IN 1984	LATE REPORTS	LOCATION		330'N 330'E SWC NE SE	990'N 1836'E SWC	330'N 330'E SWC	1005'N 330'W SEC SW SW	330'N 990'E SWC SW SW NW	10'N 330'W SEC SW SW	330'N 330'W SEC SW SW	330'N 330'W SEC NW	330'S 330'W NEC SW NW	330'N 330'W SEC SW NW	Sec. 13 7N 13W	330'S 330'E NWC SE NW Sec. 13 7N 13W	330'N 330'E SWC SE NW	330'S 330'W NEC SE NW	Sec. 13 7N 13W	330'N 330'W SEC NW	405'S 330'E NWC		330'N 330'E SWC NW NW		330'N 330'W SEC NW NW Sec. 13 7N 13W	330'N 330'E SWC NE NW	Sec. 13 7N 13W
	PRODUC		WELL NAME		Rice #1	Douglas #5	Mervin Utterback #2	Mervin Utterback #3	York #14	J. S. Kirk #8	Kirk Heirs #9	Stallings Enterprises #R-4	Drummond #3	Drummond #4		Drummond #5	Drummond #6	Drimmond #7		Drummond #8	Drummond #9		Drummond #10		Drummond #12	Drummond #14	
			OPERATOR	CRAWFORD COUNTY (contd.)	Illinois Basin Exploration, Inc.	Crete Oil Investments, Inc.	Crete Oil Investments, Inc.	Crete Oil Investments, Inc.	Black & Black Oil Co.	Mark Putnam, Inc.	Mark Putnam, Inc.	Redman Production	Christa 011 Co.	Christa Oil Co.		Christa Oil Co.	Christa Oil Co.	0,110	ciilista oti co.	Christa Oil Co.	Christa Oil Co.		Christa Oil Co.		Christa Oil Co.	Christa 011 Co.	

#### PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS

		LAIE NEFONIS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL DEPTH	EST. 1P DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY (contd.)						
Christa Oil Co.	Drummond #16	330'N 330'W SEC NE NW	Robinson	1058	13	G.1. 530'
Christa Oil Co.	Ragon-Hart Comm. #4	330'N 330'W SEC SE SE	nosuria de	1035	3 2	1015
C.E. & Virginia Billingsley	Grant Briggs #2-A	330'S 330'E NWC SW NE	nosinison do Mario	1037	2 -	517.1
Christa Oil Co.	Clyde Randolph #CR-5	340'N 330'E SWC NE NE	Nobinson	1034		6.L. 314
Christa 011 Co.	Clyde Bandolph #CB-7	340'S 330'E NWC NE NE	Robinson	1010'	m	G.L. 522'
		Sec. 16 7N 13W	Robinson	1001	3	G.L. 521'
Christa Uil Co.	Clyde Kandolph #CK-8	340'S 340'W NEC Sec. 16 7N 13W	Robinson	1001	7	G.L. 511' -
Christa 011 Co.	Dart-Salesman(Sherrill) #6	330'N 330'E SWC SE SE		10001		58
Christa 011 Co.	Boyd-Stephens #18	Sec. 23 7N 13W 330'S 330'E NWC NE	Robinson	1330	12	G.L. 523°
			Robinson	973	20	G.L. 530'
Lovene Leavell	Lackey-Barnes #1-A	330'N 330'E SWC NE NE Sec. 26 7N 13W	Robinson	10201	07	G.L. 525'
Leo & Marcella Slater	Leo & Marcella Slater #1-A	345'S 413'W NEC SE NW	non Hod	9801	σ	G.T. 410"
Crete Oil Investments, Inc.	Rhodes #1-A	330'S 360'W NEC SW NE NE	TOO TOO	8	`	
		Sec. 30 7N 13W	Robinson	1050'	m	G.L. 498'
orece OII THASPENENTS) THE	Anodes #2		Devonian	2790	29	G.L. 499'
Crete Oil Investments, Inc.	Rhodes #2-A	330'N 360'W SEC SW NE	Robinson	10501	2	G.L. 499°
Crete Oil Investments, Inc.	Rhodes #3-A	330'N 330'E SWc SW NE				
			Robinson	1050'	12	G.L. 487'
Crete Oil Investments, Inc.	Rhodes #4-A	330'S 330'E NWC SW NE Sec. 30 7N 13W	Robinson	1050	9	G.L. 489'
Christa Oil Co.	Bishop #1	330'S 380'E NWC SW NE	100	10351	~	G.1. 575'
Christa 011 Co.	Bishop #2	330'S 380'W NEC SW NE	MODILISOII	000	,	
		Sec. 20 8N 12W	Robinson	1030	e	G.L. 571'

DILUDBA	PRODUCTING WELLS COMPLETED IN 1984				
	LATE REPORTS				
WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
Bishop #3	330'S 380'E NWC SE NE				
Birbon #4	330's 380'th NEC SE NE	Robinson	1026'	m	G.L. 572'
t a doing	2	Robinson	1060'	ю	G.L. 572*
Bishop #8	380'N 330'W SEC SE NE Sec. 20 8N 12W	Rohinson	10501	cr	558
Dean Cramer #1	380'S 330'E NWC SE NW			'n	
	Sec. 20 8N 12W	Robinson	1025'	4	G.L. 568'
Deall Clamer #3		Robinson	1037	7	G.L. 573'
Dean Cramer #4	380'N 330'W SEC NW Sec. 20 8N 12W	Robinson	1020	7	G.T. 576'
Dean Cramer South #5	340'S 350'E NWC SE SW			r	
		Robinson	1020	-1	G.L. 560'
Dean Cramer #6	330'S 330'W NEC SE SW Sec. 20 8N 12W	Robinson	1037	7	G.L. 561'
Dean Cramer South #7	330'N 330'E SWC SE SW				
		Robinson	1008	2	G.L. 566'
Dean Cramer South #8	330'N 330'W SEC SE SW Sec. 20 8N 12W	Robinson	1037	m	G.L. 566'
G. Mann #4	350'N 340'W SEC NW SW			,	
35 min	330's 340'th NEC SH SH	Robinson	1008	S	G.L. 564'
ממל השווו א	5	Robinson	1008	4	G.L. 567'
G. Mann #8	330'N 330'W SEC SW SW				1
Carrie Mark #1	Sec. 20 8N 12W	Robinson	.0101	7	G.L. 565'
dayre mich #1	i i	Robinson	1020	т	G.L. 571'
Gayle Mick #2	380'S 330'W NEc SW				
24 - 1- 24 - 10	Sec. 20 8N 12W	Robinson	10201	e e	G.L. 572'
Gayre nick #3	4	Robinson	1025	3	G.L. 563'
Gayle Mick #4	380'N 330'W SEC NE SW			•	
	Sec. 20 8N 12W	Robinson	1025	n	G.L. 564

Christa Oil Co.

Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co.

CRAWFORD COUNTY (contd.)

OPERATOR

Christa Oil Co.

Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co. Christa Oil Co.

Christa Oil Co.

# PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
CRAWFORD COUNTY (contd.)						
Billy R. Rector	George Athey #3	330'S 330'W NEc SW SW			r	
2	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	330'N 330'W SFC SW SW	Robinson	1035	`	6.L. 548
Larry C. Neely	ceorge acmey #5	5	Robinson	10001	\$	G.L. 548'
Larry C. Neely	George Athey #6	330'S 330'E NWc SW SW Sec. 31 8N 12W	Robinson	186	٠	G.L. 548'
Midwestern Production Corp.	Bowman #1	330'N 330'E SWC NW SE Sec. 23 8N 13W	Robinson	910'	Prod.	G.L. 573'
Midwestern Production Corp.	Bowman #2	330'N 330'W SEC NW SE Sec. 23 8N 13W	Robinson	910'	Prod.	G.L. 571'
Crete Oil Investments, Inc.	Homer Adkisson #1	330'N 330'W SEC NW NE	Robinson	950	m	G.L. 542'
Crete Oil Investments, Inc.	Homer Adkisson #2	330'S 330'W NEC NW NE	Pohlnson	950	2-2	G.L. 542' 09
Crete Oil Investments, Inc.	John Adkisson #2	330'S 330'E NWC NE NE	Robinson	935*	4	G.L. 545'
Crete Oil Investments, Inc.	John Adkisson #4	350'S 350'W NEc Sec. 14 8N 14W	Robinson	9351	m	G.L. 545'
						h
	- 1					

	7										161	l																
	ELEVATION		3901		G.L. 427'	G.L. 491°	G.L. 485		G.L. 472'	G.1. 432*	177	G.L. 452		G.L. 446°	437		G.L. 484'	1013	010	G.L. 493'		575	G.L. 441'		G.L. 439'		G.L. 400'	G.L. 409'
	ELE		-	1	.i.	G.L.	G.L.		G.L.			G.L.		G.L.	7.		G.L.	-	;	G.L.	,	;	G.L.		G.L.		. r.	G.L.
	EST. IP DAILY-BBLS.		4	,	11	30	09		70	130		150		5	09	}	90		011	17	ć	17	Prod.		110		22	2
	TOTAL		4118		3335	3220"	3191		3190'	3120*	0740	2925		2890	2990"		3190	13000	3203	3080		3772	3950		3331'		3170'	3150'
	FORMATION		Any Vaces	אמע אמסכמ	Rosiclare	Cypress	Benofst		Cypress	200100	cypress	Cypress		Benoist - Paint Creek	O'Hara		Benoist		NOSICIALE	Aux Vases		McClosky	Aux Vases		McClosky		Benoist	Benoist
PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS	LOCATION		670'S 330'E NWC SW	360'S 330'W NEC SE NW	Sec. 28 IN 10E 330'N 330'W SEc SW SW	Sec. 7 IN 14W	Sec. 7 1N 14W	330'S 552'W NEc SE SW		330'S 330'W NEC NW NW	330'S 330'E NWC	Sec. 8 1N 14W	330'N 330'E SWc NE		330'N 330'E SWC NE NW	330'S 990'W NEC NW		330'N 330'W SEC NW NW	330'N 330'E SHONE NE		330'N 330'E SWc SE NW		660'N 330'W SEC SW NW Sec. 17 28 10F	330'N 660'W SEC	Sec. 32 28 10E	330'S 330'E NWc SW	Sec. 5 2S 14W	330'S 990'E NWc SW Sec. 8 2S 14W
PRODUC	WELL NAME		Knackmuhs #2	M11dred G111 #1	Fryman-Howard Unit #1		Koertge-Village Unit #2	Koertge-Village Unit #3	7	Lyle Clodielter #1	Lyle Clodfelter #2		J. Witte #3		Floyd Knakmuhs #1	Bratsch Etal Unit #2		John Luther #1	-	libyer comm: #2	I. G. Smith #1		Harris & Harris #1	Michels #2		Glenn Seigle #1		Jack #6
	OPERATOR	EDWARDS COUNTY	Gem Oil & Gas Co., Inc.	Heflin Oil Co.	Bie Basin Oil CoInc.		Big Basin Oil Co., inc.	Big Basin Oil Co., Inc.		Big Basin Oil Co., Inc.	Big Basin Oil CoInc.		Eagle Land Development Inc.		R.E.A., Inc.	Big Basin Oil Co Inc.		Big Basin Oil Co., Inc.	A	Amosoll, the.	Diamond Energy		H & I Lansdowne, Inc.	Heflin Oil Co.		D & K Oil Co., Inc.		Modern Explorations

PRODUCING WELLS COMPLETED IN 1984

		LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
EDWARDS COUNTY (contd.)						
Fryburger Production Co., Inc.	Pollard #1-B	330'N 330'W SEC NE NW				
Elmo Holder	Charles King #2	330'N 330'E SWC NW	benoist	3180.	13	G.L. 405
			Benoist	3070	Prod.	G.L. 397'
Illinois Basin Exploration, Inc.	Earhart #2	990'N 330'E SWc SE Sec. 18 2S 14W	Salem	3240*	50	G.L. 407'
McDowell Bros. Oil Co.	Ruby Gaines #1	330'S 330'E NWc				
The Court of the C	75.000	330'N 330'U SEC SE NU	Aux Vases	31557	30	G.L. 419'
101 011 00:	ני פי פומדרומור אס		Aux Vases	3125	16	G.L. 456'
W. Larry McCarty	Jerry McGarvey #8	330'N 350'E SWc		10010		
Little Egypt Petroleum Inc.	Kinsall #2	330'S 330'E NWC SW SW	Kenault	3138	04	6.L. 4/2
	#	320'N 330'U SEC NE NE	Aux Vases	3181	9	G.L. 424°
o a vi tuc.	מדפון אססקוסא אד		Benoist	3300	26	G.L. 538'
Duncan Oil Co.	H. Johnson #9	430'N 990'E SWc NW				
			Salem	4000	95	G.L. 462'
Koontz Services, Inc.	Ezra Crook #1	360'S 330'E NWC NW SE				
		Sec. 18 3S 14W	Warsaw	4000	22	G.L. 440'
EFFINGHAM COUNTY						
James A. Southerland	James U. Dodge Comm. #1	960'N 330'E SWc SE NW NE Sec. 21 7N 5E	Aux Vases	2384*	Prod.	G.L. 566'
FAYETTE COUNTY						
Louisiana Land & Exploration Co.	Myron Pontious #1	330'S 330'E NWC NE NE				,
			Carper	3525	3	G.L. 570'
W. L. Belden Trust	Belden #6	330'S 330'W NEC NW				
			Carper	3120	30	G.L. 585
W. L. Belden Trust	Belden #7	990'S 330'E NWC NE NW	10016	3116	57	G.L. 581*
W. L. Belden Trust	Matheny #6	330'S 330'W NEC NE SW NW				
		Sec. 19 6N 3E	Carper	3104	30	G.L. 578'

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	PRODUC	PRODUCING WELLS COMPLETED IN 1984				
		LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
FAYETTE COUNTY (contd.)						
W. L. Belden Trust	Sun-Sapp #2	990'S 330'E NWC NW NE	Carner	3114	30	G.L. 577'
Lowell Redman	Lancaster Heirs #5	990'S 330'W NEC NW NE	Cypress	1721	79	G.L. 612'
Exxon Corp.	Henry Kline #3	330'N 330'E SWc NW SE Sec. 14 8N 3E	Paint Creek-Weller	1635'	10	G.L. 601'
FRANKLIN COUNTY						
Farrar Oil Co., Inc.	Bartolotti #3	412'S 373'E NWC SE SE	Devontan	45001	100	G.L. 452'
S. C. Vaughan Oil Prod. Co.	Carlton Heirs #1	660'N 330'E SWC NE NE	Warsaw	4250	36	
Benz Oil Co.	Webb Etals #1	330'S 330'E NWC SW SW	McClosky	2886	54	163 ,197 C.T. 601,
S. C. Vaughan Oil Prod. Co.	Dematte1 #3	620'N 542'W SEC SE NE	O'Hara	2720"	Prod.	G.L. 429'
Rave Energy	Manis #2	330'N 330'W SEC SW SW	Aux Vacos	3370"	26	G.L. 510'
Farrar Oil Co., Inc.	McGullum Comm. #3	330'S 330'W NEC NE NE Sec. 24 7S 4E	Aux Vases	3193'	35	G.L. 366'
CALLATIN COUNTY						
Rave Energy	Price #1	330'S 660'W NEc Sec. 23 7S 8E	O'Hara	3410'	144	G.L. 413'
Omaha Oil & Gas Ltd.	M. Deal #6	330'N 330'W SEC NW SW Sec. 29 78 8E	Paint Creek	2585	9	G.L. 365'

G.L. 402'

2924 2124

Tar Springs Aux Vases

990'N 330'E SWC SE SW Sec. 27 7S 10E 330'S 330'E NWC SW NE Sec. 7 8S 8E

Dougherty-Hill #1

G.L. 383' G.L. 383' G.L. 354'

14 30 45 11

2780 2765

Cypress Cypress

Sec. 20 7S 9E 330'N 990'E SWc 960'S 330'E NWc

> Ray Wilson #1 Salb Etal #1

Hale #2

Robinson Engineering

James L. Browning Pinbridge Corp.

Paul S. Knight

Sec. 20 7S 9E

PRODUC	PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS				
WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
Clyde Mosby Etal #1	330'N 330'W SEC NE NW	Aux Vases	29081	100	G.L. 389'
Clyde Mosby Etal #2	330'N 330'E SWC NW NE Sec. 7 8S 8E	Aux Vases	3770"	. 000	G.L. 391'
Vivian Williams #1	330'N 330'E SWC SE SW Sec. 2 8S 9E	Aux Vases	3026'	15	G.L. 374'
Hish #1	MC	Aux Vases	3855'	22	G.L. 372'
Pauline McGuire #1	330'S 330'E NWC SE SE Sec. 23 8S 9E	Penn.	2841'	87	G.L. 371'
Carl Foster #1		Aux Vases	2885	135	G.L. 376' _
Wilma Louden Etal #1		Hardinsburg	4030	20	G.L. 347' P
Rollman #A-3	330'S 330'E NWC SW NW Sec. 25 9S 8E	Penn.	15981	25	G.L. 356'
Vaught #1	330'S 330'E NWc Sec. 10 9S 10E	Aux Vases	2950*	170	G.L. 351'
David Williams #1	330'N 330'W SEC NE NW Sec. 20 3S 7E	Aux Vases	3450	80	G.L. 380°
George Sullivan Etal #1	330'N 330'W SEC NE NE Sec. 21 4S 7E	Aux Vases	3384'	07	G.L. 490"
K. Woodrow Etal Comm. #1	330'S 330'W NEC SE NE Sec. 21 4S 7E	Aux Vases	3373'	07	G.L. 477'
E. F. Miller Etal Comm. #1		Aux Vases	3368'	07	G.L. 464'
Leon Vaughan #5		Aux Vases	33491	32	G.L. 460'
McPeak #2	330'N 340'W SEc SE NW Sec. 27 6S 6E	Rosiclare	3230	9	G.L. 383'
McG111 Etal #1	330'N 330'E SWC NE SE Sec. 32 6S 6E	Aux Vases	34001	19	G.L. 458°
Nation #A-1	330'S 330'E NWc Sec. 7 7S 5E	Aux Vases	3230	130	G.L. 484"

Farmers Crude Production Co. Farmers Crude Production Co.

Energy Electric, Inc.

Kenneth R. Freed

E. S. Investments, Inc.

Bi-Ecko Oil Co.

Darry R. Cain

HAMILTON COUNTY

Heflin Oil Co.

J. D. Turner J. D. Turner

GALLATIN COUNTY (contd.)

OPERATOR

Pinbridge Corp.

Pinbridge Corp.

Farrar Oil, Inc.

S. C. Vaughan Oil Prod. Co.

J. D. Turner

Farrar 011 Co.

Ram Oil Co.

## PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS

OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
JASPER COUNTY						
Larry L. Scott	Hall #1-A	330'S 330'W NEC				
Black Black Odl Co	F. Marchall #1	330'S 330'W NEC	Salen	3405.	09	G.L. 492
			McClosky	2722*	00	G.L. 529'
Don French	Short #1	330'N 330'W SEC NE 8W	Man Continu	10000	r c	1673
Parrish Oil Prod., Inc.	Bailey #1	330'S 330'E NWC SE	nccroeky	2030	'n	G. L. 34/
	0 1	Sec. 5 7N 14W	Salem	2010	25	G.L. 524'
Black & Black Oll Co.	Hampsten #2		McClosky	19001	10	G.1. 519'
Black & Black Oil Co.	Lewis #1	330'S 330'W NEC NW				
			O'Hara	19061	102	G.L. 521'
Black & Black Oil Co.	Watt #3	330'N 330'E SWC NW NE	n n	19761	90	165
Increase Otl Producers Inc	For   Vockov #1	330'N 330'E SWC SE SW	o nata	0467	0	6. L
Jaaper our receipture		)	McCloaky	2427"	30	G.L.512'
Knierim Company, Inc.	Glen Griffith #2	330'N 330'E SWc NE NW				
			McClosky	2770	20	G.L. 513'
W. L. Dillier	Jerald & Pam Huddleston #1	330'N 330'W SEC SW SW Sec. 32 8N 14W	McCloaky	1975	200	G.L. 522*
JEFFERSON COUNTY						
The Superior 011 Co.	Fred High #7	330'N 380'W SEC NW SE				
		Sec. 19 18 2E	Trenton	5150	40	G.L. 536'
C.B.C. 011 CO.	ncoo *2	Sec. 29 1S 3E	McClosky	3015	10	G.L. 543'
Gary-Williams Oil Producer, Inc.	Wayne Hails #1	330'S 990'E NWC SW SW				
			McClosky	3300	70	G.L. 494'
Greater Mid-West Oil Co., Inc.	Hyde #1	330'N 330'E SWC NW				
			Salem	3600	25	G.L. 476'
Gunner Energy Corp.	Kent #7	330'N 330'W SEc SW				
		Sec. 11 3S 3E	McClosky	3088	07	G.L. 503'
Diamond Energy Co.	T. Burnett #1	330'S 330'W NEC NE SW NE Sec. 9 3S 4E	McClosky	3130	Prod.	G.L. 494

	PRODUC	PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАГ	EST. IP DAILY-BBLS.	ELEVATION
JEFFERSON COUNTY (contd.)						
Diamond Energy Co.	C. B. Brehm #1	330'S 660'E NWC NW SE SW Sec. 16 3S 4E	McClosky	3120'	116	G.L. 458'
Diamond Energy Co.	Brehm #2	330'N 660'E SWc SE SW Sec. 16 3S 4E	McClosky	3139'	20	G.L. 482'
Diamond Energy Co.	Brehm #3	330'N 990'E SWC NE SW Sec. 16 3S 4E	McClosky	3140,	116	G.L. 480'
Greater Mid-West Oil Co., Inc.	Bean #3	330'N 330'W SEC SW Sec. 35 4S 3E	Salem	3997	70	G.L. 456'
LAWRENCE COUNTY						
Smith Operating Co., Inc.	L. C. David #6-H	330'N 990'E SWc	Biehl	2025'	25	16 .T. 769' 12
E. L. Whitmer Inc.	McVickar Etal #2	330'N 920'E SWC Sec. 5 2N 13W	Salem	3480	20	G.L. 519'
Phillips Brothers	Sandlin #14	330'S 330'E NWc SE Sec. 19 3N 11W	Cypress	1875"	Prod.	G.L. 473'
Marathon 011 Co.	Phillip Moore #31	585'N 685'E SWc Sec. 4 3N 12W	McClosky	1884'	-	G.L. 483'
Marathon Oil Co.	J.H.Bedford #16	693'S 487'W NEC NW NE Sec. 6 3N 12W	McClosky	1834'	2	G.L. 515'
Marathon Oil Co.	M. E. Cooper #13	660'N 642'W SEC SW SE Sec. 6 3N 12W	McClosky	1945'	e	G.L. 539'
Marathon Oil Co.	J.W. Highfield #8	330'S 330'W NEC NW SE Sec. 6 3N 12W	Benoist	1787	9	G.L. 532'
Marathon Oil Co.	F.E.McKelfresh A/C 2 #30	703'S 127'E NWC NW NE NE Sec. 6 3N 12W	McClosky	1816'	55	6.1. 517'
Smith Operating Co., Inc.	Hardacre #1-B	122'N 400'E SWC NE NE Sec. 10 3N 12W	Penn.	17071	'n	G.L. 443'
Marathon 011 Co.	W.F.Gillespie #30	925'S 330'W NEC SW Sec. 14 3N 12W	Benoist	1722	15	G.L. 419'
Marathon 011 Co.	T.P.Gillespie #75	330'N 990'E SWc Sec. 23 3N 12W	Kirkwood	1616	S	G.L. 442'
Marathon Oil Co.	G.L. Ryan A/C 1 #31	990'N 1650'E SWc NE Sec. 23 3N 12W	Benoist	1755'	2	G.L. 426'

	PRODUC	PRODUCING WELLS COMPLETED IN 1984				
		LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАL DEPTH	EST. IP DAILY-BBLS.	ELEVATION
LAWRENCE COUNTY (contd.)						
Marathon Oil Co.	T. I. Gould #50	330'N 330'W SEC SE SW SW Sec. 35 3N 12W	Paint Creek	1754*	"	6.1 5201
Smith Operating Co., Inc.	Pepple #52-M	732'N 598'E SWc NW			,	22.
Marathon Oil Co.	F. T. Abernathy #10	Sec. 30 4N 12W 396'S 660'E NWC SW	McClosky	1787	20	G.L. 422'
Marathon Oil Co.	Perry King A/C 3 #23	Sec. 31 4N 12W 651'N 597'E SWC NW	McClosky	1931	5	G.L. 512'
		Sec. 31 4N 12W	McClosky	1910'	12	C.L. 499'
Marathon Oil Co.	J.I. Griggs a/c L #58	310'N 320'W SEC NE SE Sec. 32 4N 12W	Kirkwood	1518'	Prod.	G.L. 473°
MACON COUNTY						1
Triple "G" 011 Co., Ltd.	Davis #1	330'S 330'W NEc SW SW				.67
		Sec. 11 16N 1E	Silurian	2150'	25	G.L. 697'
Triple "G" 0il Co., Ltd.	Wattley #1	330'N 330'W SEC NE SW	2011	10316	26	
Triple "G" 0il Co., Ltd.	Wattley #2	330'N 990'W SEC NE SW	Structan	7770	97	6.6.
		Sec. 11 16N 1E	Silurian	2100'	28	G.L. 699'
barger Engineering, Inc.	A. Wright #2	360'N 330'W SEC SW SE Sec. 32 17N 2E	Silurian	2123*	7	G.L. 630'
MARION COUNTY						
Ego Oil Co., Inc.	Calvert #2	330'N 660'W SEC SW NE				
		Sec. 7 IN 4E	St. Louis	4900,	6	G.L. 540'
Elmer Oelze, Jr.	Blank #2-A	330'N 660'W SEC SW	:			
Filmor Oplan Iv	Att out brodon at	Sec. 21 2N 4E 330'S 330'H NEC NH	O'Hara	2753	4	G.L. 511'
times Octoc, ot.	מונים ביות מיות מיות מיות מיות מיות מיות מיות מ	Sec. 28 2N 4E	0'Hara	2790'	25	G.L. 516'
Claude M. Rose	Claude Rose #4-A	330'S 405'W NEc NW NE				
		Sec. 21 3N 4E	Paint Creek	3020'	24	G.L. 525'
Paramount Oil & Gas Corp.	Garrett #1	390'S 330'E NWC NE SE Sec. 19 4N 3E	Carner	3354"	20	G.L. 544*
New Spirit, Inc.	Quaranta #15	380'S 940'W NEC SE SW		3		,
		Sec. 19 4N 3E	Carper	3408	18	G.L. 587

ING WELLS COMPLETED IN 1984  LATE REPORTS  FORMATION TOTAL EST. IP	ED IN 1984 ED IN 1984
FORMATTON	PRODUCING WELLS COMPLETED IN 1984  LATE REPORTS  FORMATION
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ING WELLS COMPLETED IN 1984 LATE REPORTS	

	PRODUC	PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
MARION COUNTY (contd.)						
Ceja Corp.	Langhy #1	330'N 330'E SWC NW NW	Wool o	2450	Prod.	G.L. 564'
Ceja Corp.	Rucker #1	330'N 330'W SEC SW	MCClosky	2440'	73	G.L. 573'
Ceja Corp.	Gain #1	330'N 330'W SEC NE NW Sec. 33 4N 4E	McClosky	2430	218	G.L. 573'
MONROE COUNTY						
Pard Company	Arthur Kolmer #1-A	330'S 330'W NEC NW NW NE	Trenton	,067	2	G.L. 682'
Pard Company	Kolmer #5	330'N 330'W SEC NW Sec. 2 2S 10W	Trenton	,977	2	G.L. 646° &
MORGAN COUNTY						
Lyndon L. Sanders	Thornley-Leahy #1	330'S 330'E NWC SW NE	Penn	,067	Gas	G.L. 630'
Lyndon L. Sanders	Thornley-Leahy #2	330'S 330'W NEC NW NE Sec. 28 16N 8W	Penn.	310'	Gas	G.L. 635'
PIKE COUNTY						
Michael Jackson & Associates	Newman #4	330'S 330'E NWC NW SW NW	Silurian	455'	Gas	G.L. 658'
Michael Jackson & Associates	Nемтап #3	330'N 330'E SWC NW NE	Silurian	450,	Gas	G.L. 642'
Hot Tanks, Inc.	M. Birch #3	330'S 330'E NWc Sec. 21 4S 3W	Silurian	425*	Gas	G.L. 650'
RICHLAND COUNTY						
Diamond Energy Co.	G. Brooks #1-A	330'S 330'W NEC SE Sec. 9 3N 9E	Salem	3662"	9	G.L. 477'

	z								169												
	ELEVATION			G.L. 459'	G.L. 488'	G.L. 509'	G.L. 495'	G.L. 486'	G.L. 472'	G.L. 492'	G.L. 458'	G.L. 473'			G.L. 430'	G.L. 472'	G.L. 421'	G.L. 415'	G.L. 421'	G.L. 365'	G.I., 4651
	EST. IP DAILY-BBLS.			12	24	20	28	15	5	35	е	10			20	9	80	73	77	14	30
	TOTAL			3068	36031	3550	3446'	2540"	2930	3614'	30001	3010'			3180'	3453'	3500'	2500	34501	3065	3025'
	FORMATION			McClosky	Salem	Salem	Salem	Cypress	Rosiclare	Salem	McClosky	McClosky			Aux Vases	Benoist	St. Louis	Tar Springs	Tar Springs	Waltersburg	Aux Vases
PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS	LOCATION		TO 111 CT 011000 N 1000	Sec. 19 3N 9E 430'S 990'W NFC	Sec. 1 4N 9E 660'N 330'W SEC SW NW	Sec. 1 4N 9E 990'S 380'W NEC NW		Sec. 7 4N 10E 330'N 330'E SWc SW SW NE		Sec. 36 5N 9E 330'S 330'E NWC SW NW SE		Sec. 34 5N 10E		330'S 330'E NWc SE NW	Sec. 20 7S 5E 330'N 330'W SEc	Sec. 32 7S 6E 330'N 660'W SEC NE NW		Sec. 7 8S 6E	Sec. 7 88 6e	Sec. 2 8S 7E	330'N 330'W SEC SW NW Sec. 18 8S 7E
PRODUC	WELL NAME		Martie Soos #1	Arnold #2	Roberts #1	0. Wharf #1-A	0'Brien #4	Hahn #1	Bromm #1	Franklin #2-A	laggi #4	}		West End Unit-Russell #6	George I, Tate #1	Grisham #1	Chamberlain-Milgram Etal Unit #1	Zella Fields Eral #2		TH COUNTY THE COUNTY THE	Hume Watson #2
	OPERATOR	RICHLAND COUNTY (contd.)	N.R.Etson Corp. & Executive Petroleum. Inc.	John B. Murvin	Murvin Oil Co.	Diamond Energy Co.	Diamond Energy Co.	Illinois Crude Oil Prod., Inc.	Fryburger Production Co., Inc.	Lake's Oil Production Co., Inc.	Illinois Basin Exploration Inc.		SALINE COUNTY	Tom & Jerry Oil Co.	Texas-Rebel Oil Producers, Inc.	Keating Oil Co.	Ashland Exploration, Inc.	Ashland Exploration, Inc.	Charles T. Fyans	0 -1-1-10	rindinge corp.

	PRODUC	PRODUCING WELLS CUMPLETED IN 1984 LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	ТОТАГ	EST. IP DAILY-BBLS.	ELEVATION
SCHUYLER COUNTY						
Midland Minerals Corp.	Acheson #2	330'N 330'E SWC SE SE		172	ć	
Longhorn Resources Inc.	Hardwick #2	Sec. 15 IN IW 660'S 485'E NWC NW NW	Devonian	. 5/9	Gas	G.L. 630'
M. J. J. C. C. C. C. C. C. C. C. C. C. C. C. C.	More and the second sec	Sec. 27 1N 1W	Silurian	520	Gas	G.L. 530'
יודרדים יודים יודיים יודים יודים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודים יודים יודיים יודיים יודיים יודיים יודיים יודיים יודיים יודיים	100 to 10	35 35	Silurian	713	Gas	G.L. 602'
Group One Leasing & Dev., inc.	Tillet #1	SE	Devonian	611	16	G.L. 586'
Loch Exploration, Inc.	Lantz-Blackburn Comm. #1	330'S 330'E NWC NW NW NW Sec. 21 3N 3W	Silurian	476'	Prod.	G.L. 491'
SHELBY COUNTY						
Louis Kapp	Franklin Reid #2	330'N 330'E SWc NE NW Sec. 7 10N 4E	Aux Vases	1723'	12	170
WABASH COUNTY						
K & W 041 Co.	Akin-Bates Comm. Unit #1	330'S 330'W NEC NW SW NE				
Midwestern Production Corn	Chris Schafer #1	Sec. 7 IN 12W	Benoist	2520	5	G.L. 422'
- 100	מונדם כרוונים ביו		Tar Springs	2287*	10	G.L. 435'
C 1 Warren 041 Co	Adams #1_A	Sec. 16 1N 12W	Salem	2873	9	G.L. 420'
	Gramo KI-A		St. Louis	2630	30	G.L. 417'
n & n OII CO., Inc.	Earl buchanan #4-5	Sec. 23 1N 12W	Cypress	2013	2	G.L. 422'
Raymond Brinkley	Hosmer Etal Unit #1	300'N 330'E SWC NE NW Sec. 23 1N 12W	Cypress	2040	25	G.L. 441'
Raymond Brinkley	Hosmer Etal Unit #2	330'S 330'E NWC NE NW Sec. 23 1N 12W	Cypress	2030	25	G.L. 436'
K & W 011 Co.	Jones #3	330'N 330'E SWc Sec. 1 IN 13W	O'Hara	2651	20	G.L. 438'
Amosori, inc.	Joseph Litherland #2	Sec. 1 1N 13W	McClosky	3275	10	G.L. 429'

PRODUC	PRODUCING WELLS COMPLETED IN 1984					
	LATE REPORTS					
WELL NAME	LOCATION	FORMATION	TOTAL DEPTH	EST. IP DAILY-BBLS.	ELEVATION	
Ethel Litherland #1	330'S 660'W NEc Sec. 12 1N 13W	Biehl	2512"	80	G.L. 425'	
Price-Litherland-Gay Unit #1	30'N 20'W SEc Sec. 33 2N 12W	Biehl	1583'	41	G.L. 509'	
Goodson #1	330'S 330'E NWC SE NE Sec. 16 1S 13W	Benoist	2825"	2	G.L. 440'	
Seiler #6		McClosky	2674"	Prod.	G.L. 435'	
Nelson-Beach Etal Unit #1	330'S 330'W NEC SW SE Sec. 33 1S 14W	Warsaw	3960	2	G.L. 399'	
Bernreuter #3	330'S 330'E NWc SW Sec. 20 2S 1W	Trenton	4200	Prod.	171 6.L. 555'	
Wilke #1	990'S 330'E NWC SW SW Sec. 17 2S 3W	Silurian	2740*	45	G.L. 535'	
Melvin Harre #1		Silurian	2712'	62	G.L. 542'	
Smith #1	330'N 330'W SEC SW NW Sec. 32 2S 4W	Devonian	2375"	1	G.L. 482'	
Steinkamp #1	330'N 330'W SECNE SW Sec. 32 2S 4W	Devonian	3233"	1	G.L. 478'	
James Lampe #1	330'N 330'E SWc NE Sec, 28 1N 5E	Salem	3337	12	G.L. 473"	
A. Grove #1		Aux Vases	3173"	м	G.L. 451'	
Victor Lane #3		Aux Vases	3881	15	G.L. 450'	
Wm. Laird #2	330'S 330'W NEC NW Sec. 35 IN 7E	Rosiclare	3175"	S	G.L. 417'	
Taylor #4	330'S 330'W NEc SE Sec. 9 1N 8E	Salem	3721"	18	G.L. 406'	

Key Drilling Co., Inc.

Elmer Oelze, Jr. Elmer Oelze, Jr. Elmer Oelze, Jr. Elmer Oelze, Jr.

WASHINGTON COUNTY

WABASH COUNTY (contd.)

Amosoil, Inc. Jack E. Small

OPERATOR

Howard Energy Corp.

John L. Aulvin Tartan Oil Co. Mid-America Petroleum Corp.

Shulman Brothers, Inc.

Daniel M. Sulsberger

WAYNE COUNTY Joe A. Dull Republic Oil Co., Inc.

	PRODUC	PRODUCING WELLS COMPLETED IN 1984				
		LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TQTAL DEPTH	EST. IP DAILY-BBLS.	ELEVATION
WAYNE COUNTY (contd.)						
Van Fossan Oil Associates	Purl Spriegs #1	330'S 330'E NWC NE NE				
	0000	Sec. 22 1S 7E	Aux Vases	32981	150	G.L. 433'
Van Fossan Oil Associates	Purl Spriggs #2	330'S 330'W NEC NW NE				
		Sec. 22 1S 7E	Aux Vases	3206	20	G.L. 435'
Van Fossan Oil Associates	Purl Spriggs #4	330'N 330'W SEC NW NE				
			Salem	3950	20	G.L. 432'
Jerry E. Friend	V. Manahan #1	660'N 330'E SWc NE NW	:	10070	1	
			Aux vases	3450	`	6.L. 40/
Jerry E. Friend	A. McNeil #1	330'N 330'E SWc SE NE	22010	10107	ď	1007 1 3
5		330'E 000'H NE E NE	O nara	OTO	2	0.L. 420
Jerry E. Friend	MCNell #2		O'Hara	3205	25	G.L. 436
Borot Odl Corn	n Wylie #6	330'S 890'F NWS NW SF NW	1		}	
balan dir colp.	Or satisfies of	Sec. 11 18 8E	Warsaw	3858	15	73 .E87 .T.9
Triple C 011 Producers Inc.	George Brazitis #2	990'S 330'E NWC			1	
		Sec. 12 1S 8E	Salem	3739'	216	G.L. 383'
Jerry E. Friend	Barnard #1	330'N 330'E SWC NE NE				
		Sec. 16 1S 8E	Aux Vases	3350	2	G.L. 475°
Jerry E. Friend	Duncan-Gray #2	330'S 330'E NWc NW SE SE				
			Aux Vases	3325	10	G.L. 463'
Jerry E. Friend	C. W. Robbins #1	330'N 330'W SEc NW SE				
			Aux Vases	3860	2	G.L. 441'
Jerry E. Friend	Wheat #5	330'N 330'E SWc SW SE NE				
			Aux Vases	3935	10	G.L. 463'
North Aden, Inc.	North Aden Unit Tract 2	800'S 760'W NEc SW SE				
	(Morlan "C" Well #5)		Aux Vases	3480	Prod.	G.L. 378'
North Aden, Inc.	North Aden Unit Tract 13	330'S 330'E NWc SW SW				
	(Lyons Well #6)	Sec. 33 2S 7E	McClosky	3465	Prod.	G.L. 377
Oiltech, Inc.	Anderson Etal #2	570'S 330'E NWc SW				
		Sec. 34 2S 7E	Warsaw	4160'	35	G.L. 377'
Jerry E. Friend	Zurliene #1-A	330'N 370'W SEc NE				
		Sec. 17 2S 8E	Cypress	4100,	100	G.L. 460'
Jerry E. Friend	Zurliene #3	330'S 330'W NEC SE NE				
		Sec. 17 2S 8E	Cypress	2940	30	C.T. 466'
Jerry E. Friend	Zurliene #4	330'S 330'W NEc SE				
		Sec. 17 2S 8E	Cypress	2960	30	G.L. 476'

PRODUC	PRODUCING WELLS COMPLETED IN 1984  LATE REPORTS				
WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
Charles Sanders Etal #1	330'N 330'E SWc SE SW Sec. 20 28 8E	McCloskv	3419*	42	G.L. 454'
Boze Heirs "A" Lse. #2	330'S 330'E NWC NE NW			:	
N W Dieses #1	Sec. 29 2S 8E	McClosky	3435	18	G.L. 463'
1 6231	Sec. 4 25 9E	McClosky	4199	14	G.L. 383'
Chalcraft #1	330'N 330'E SWC SE NE Sec. 5 2S 9E	McClosky	4429*	09	G.L. 381'
Woods #1	990'N 330'E SWC NW NE Sec. 5 2S 9E	McClosky	4431	15	G.L. 377'
O'Daniel #6	330'N 330'W SEC NE			;	
4+++	30. 8 2S 9E	Warsaw	4352	32	G.L. 378'
		O'Hara	4130	20	174 179 179 179
Richard Smith #6	Sec. 9 2S 9E	Aux Vases	34401	40	G.L. 382'
Vaughan #1-A	330'S 330'E NWC NW NW SE		40304	ž	1 3871
Vaughan #2-A	330'N 330'W SEC SE NW SE	Cuata			
N Vanchan #2	330'N 330'F SWC	Aux Vases	3460	4	G.L. 392
4 : :::::015		Rosiclare	3440	10	G.L. 375'
Burkholder #1	330'S 990'E NWc SW SW	Any Vacco	36001	œ	G.T., 490'
Burkholder-Hamilton #2	330'N 330'W SEC NW	00000		3	
C#	3201N 3031N 5E2 MI SU	Aux Vases	3462	6	G.L. 490'
Nieser #3		Aux Vases	3460	70	G.L. 443*
Almo #3	330'N 430'E SWc SW SE				
;	Sec. 6 3S 6E	Dutch Creek	5335	16	G.L. 400'
Alamo #1	330'N 330'W SEC SE NW	D. t. c.	52301	O.S	6 1 4011
	sec. / 35 or	Duten Creek	2550	2	101

J.C.L.T.D. Developers, Inc.

WAYNE COUNTY (contd.)

OPERATOR

S & B Exploration, Inc.

Homco, Ltd. Homco, Ltd. Homco, Ltd. Homco, Ltd. G.L. 404' G.L. 403'

5331 5340

Dutch Creek Dutch Creek

SE NW NE

Alamo-McKinney Comm. #1 Chambliss Etal #1

G & L Oil Production, Inc.

Pawnee Oil Corp.

Triple "G" Oil Co., Ltd. Triple "G" 011 Co., Ltd.

Jerry E. Friend

D. G. Hamilton D. G. Hamilton

Ray Miller & Dale West Ray Miller & Dale West

Ray Miller & Dale West

Van Dyke Oil, Inc.

Ray Miller & Dale West

330'N 660'W SEC SE NW N Sec. 7 3S 6E 660'N 330'W SEC NE SW Sec. 7 3S 6E

10 30

								17	5										
	ELEVATION		G.L. 415'	G.L. 412'	G.L. 406'		G.L. 478'	G.L. 439'	G.L. 471'	G.L. 406'	G.L. 390'	G.L. 425	G.L. 404	G.L. 412'	G.L. 3891	G.L. 397'	G.L. 418'	G.L. 436'	G.L. 374'
	EST. IP DAILY-BBLS.		100	100	18		06	07	09	75	14	252	10	07	12	30	100	75	27
	TOTAL		53061	53301	5370		35291	3520	3560"	3055'	3100'	3525	3520	39991	4146	4030	3115'	3126	33001
	FORMATION		Dutch Creek	Dutch Creek	Dutch Creek		Rosiclare	McClosky	Rosiclare	Cypress	Aux Vases	Rosiclare	Rosiclare	Rosiclare	St. Louis	0'hara	McClosky	McClosky	St. Louis
PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS	LOCATION		330'N 570'E SWC NE SE Sec. 7 3S 6E	538'S 330'E NWC SE SE Sec. 7 3S 6E	330'S 330'W NEC NW NE Sec. 18 35 6e		330'N 341'W SEC NE	330'S 330'W NEC NW SE Sec. 20 38 8E	330'N 330'E SWc NW NW Sec. 21 38 8E	330'N 330'E SWc NE SE Sec. 30 3S 14W	330'S 330'W NEC NW Sec. 31 3S 14W	330'S 330'W NEC SE SW Sec. 3 4S 9E	330'S 330'W NEC SE SE Sec. 4 4S 9e	330'N 330'W SEC NW NW Sec. 10 4S 9E	330'S 330'W NEC SW SE Sec. 16 4S 9E	330'S 330'E NWC NE SW Sec. 2 4S 10E	680'N 660'W SEC NW Sec. 31 4S 11E	750'S 330'W NEC SW Sec. 31 4S 11E	380'N 330'E SWc SE SW Sec. 4 4S 14W
PRODUC	WELL NAME		Mayberry #2	Mayberry #3	Nelson Comm. #1		Smothers #2-A	Taylor Comm. #1-A	W. H. Hollinger #1	Hamer Micheals #5	Gray #16-A	Mike Matz #1	Archie Brown "A" Lse. #1	Archie Brown #1	Clara Carroll #3	Darrel Hanks #1	H. J. Garner #18	E. Spencer #16	Orville Smith #13
	OPERATOR	WAYNE COUNTY (contd.)	Art Buchanan	Art Buchanan	Amosoil, Inc.	WHITE COUNTY	Gunner Energy Corp.	Gunner Energy Corp.	Gunner Energy Corp.	Baldridge Oil Co.	Modern Explorations	Allen J. Smith	0.M.M. Oil Producers, Inc.	0.M.M. Oil Producers, Inc.	Keating Oil Co.	Kasha Industries, Inc.	Barger Engineering, Inc.	Barger Engineering, Inc.	Pam-Ark Oil Producers

	PRODUC	PRODUCING WELLS COMPLETED IN 1984				
		LATE REPORTS				
OPERATOR	WELL NAME	LOCATION	FORMATION	TOTAL	EST. IP DAILY-BBLS.	ELEVATION
WHITE COUNTY (contd.)						
Francis L. Beard	J. J. Bond #6	330'S 380'E NWC SE				
			St. Louis	3516'	20	G.L. 381'
Richard D. West	Kenneth Potter #3	380'N 330'E SWC NE SE Sec. 8 4S 14W	Warsaw	3910'	75	G.1. 372'
Richard D. West	Potter #A-2	330'N 600'W SEc SW SW				300
			St. Louis	39401	80	G.L. 370'
Kichard D. West	Potter #1-A	Sec. 16 45 14W	Sr. Loude	39171	011	6 1 3731
The Superior Oil Co.	Harry C. Ford #13	330'S 330'W NEC NW NE				216 318
		Sec. 22 4S 14W	McClosky	3050	32	G.L. 371'
M.S.A. Energy, Inc.	J. Murphy 31	330'N 370'W SEC		10167	, (	
Prairie Energy, Inc.	Richard Cates #1	330'N 330'E SWC SE	Wall only	4770	<b>*</b>	76
			McClosky	3500"	25	G.L. 464'
Southern Illinois Oil Producers	Charlene Price #2-B	330'S 330'W NEC NW SE				
200	C# ::	2201c 2201c Mil. Cit ME	McClosky	3445	30	G.L. 433
rigitie miergy, inc.	John Storey #2		Benoist	3531	09	G.L. 493'
Prairie Energy, Inc.	Kenneth Wilson #2	330'N 330'E SWc NW			3	
			Warsaw	4314	20	G.L. 468'
Absher Oil Co.	Burkhardt-Trumble Unit #2	990'N 330'W SEC SW SE			•	
Brown Enterprises	Brown-Ackerman #1	330'N 330'E SWC SE NE	Nosiciare	7605	rod.	6.L. 406
			Aux Vases	3139	09	G.L. 422'
Brown Enterprises	Brown-Ackerman #2	450'N 990'E SWc SE NE				
		Sec. 36 5S 9E	O'Hara	3173'	7	G.L. 389!
A-Tek Drilling & Production Co.	Zieren Land Trust #B-1	330'N 330'W SEC SW NE				
			Aux Vases	3230'	35	G.L. 445'
Hydrocarbon Investments, Inc.	Lawrence Brown #2	330'S 330'W NEc NW SW				
Control Hall Control			McClosky	3205	Prod.	G.L. 381'
duad b oil co.	Augusta Cobbie #1	330'N 990'E SWC SE SE		20221	001	1 7031
Greater Mid-West Oil Co., Inc.	Weirauch #1	330'N 330'W SEC NE	Walbaw	7755		0.5.
		Sec. 6 6S 9E	O'Hara	33001	45	G.L. 410'

	1									17	7									
	ELEVATION		6 1 3711	1/5 :1.5	6.L. 390	70h .1.5	G.L. 371'	G.L. 359'	1007 1 3		G.L. 386'	000	6.1. 309	G.L. 413'	1717 1 0	6.L. 414	G.L. 507			
	EST. IP DAILY-BBLS.			n v	,	roog.	7	100	71	ţ	25	6	70	89	125	, 671	37			
-	TOTAL		31251	18008	0000	1676	3070	3918'	4300	8	2926'	10000	06.26	3000	20511	7666	3933			
	FORMATION		- C	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	o nata	o nara	Aux Vases	Warsaw	Any Vocos	AUA VASES	Aux Vases	, V	Aux vases	Aux Vases		or. rours	Warsaw			
PRODUCING WELLS COMPLETED IN 1984 LATE REPORTS	LOCATION		330'S 330'W NEC SW NW	330'S 330'W NEC SE NW NE	330'N 330'E SWc BE NE	330'N 330'E SWc SE	330'N 330'W SFC SW SF		330'N 660'W SEC SW SE	330'N 330'W SEC NW	Sec. 14 7S 8E	330'N 1650'W SEC NE SE	330'N 330'E SWc SE		330'N 330'E SWC NE NE	330'N 330'F SWC NE SW	Sec. 3 7S 9E			
PRODU	WELL NAME		Phillip Hoskins #1	R. V. Aud #1	Doerner #1	William Hall #4	Venneth Ucolses #2	The Control of the Co	Hamilton Heirs #1-A	Baker "A" Lse. #3		Blazier #A-1	Damm Etal Unit #2		Ernie Morris #1	Dillard O'Neal #5				
	OPERATOR	WHITE COUNTY (contd.)	J. D. Turner	Exxon Corp.	Downen Production Co.	Terry White Oil Co., Inc.	Till and Done Done	TITITIOES DESTINATION DESCRIPTION	Murvin 011 Co.	William R. & Phyllis Becker		Murvin Oil Co.	Woodlands Petroleum Corp.		Darry R. Cain	044040				

		WELLS PLUGGED IN 1985			
OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
ADAMS COUNTY					
Harmony Associates Minerals, Inc.	Hapke #1	330'S 330'E NWC SE NE	9501	4-3-85	6.1. 720'
Compton Land & Minerals	Allen #1	350*N 330*W SE NW SE	687	9-10-85	G.L. 710'
BBL Oil & Gas Co.	McNeff #1	350'N 330'E SWC SE NW	6931	10-7-85	6.1. 725'
Longhorn Resources, Inc.	Pierce #1	350'N 330'E SWC SE SW	1689	1-25-85	G.L. 732*
Triple "G" Oil Co. Ltd.	Fearney Hough #3	330*N 990*W SEC SE SE	6301	5-6-85	G.L. 689'
BBL 011 & Gas Co.	Hendricks #1-B	350*N 660*E SWG NE NW	670,	10-7-85	G.L. 733'
Blauser Well Service, Inc.	Marjorie Hendrick #2	350*N 330*W SEC NW NW	1069	9-3-85	G.L. 738'
Blauser Well Service, Inc.	Hendricks #4	56C. Z ZS 5W 530*N 330*W SEC SW NW	680'	9-3-85	6.L. 729° 1
Snow Oil Co.	Klingele #1	350'S 330'W NEC NW NW	1159	8-30-85	G.L. 691'
Snow Oil Co.	Klingele #2	58C. 5 25 5W 530*S 530*E NWC	605	8-30-85	G.L. 665'
Snow Oil Co.	Smith #1	58C: 5 25 5W 530°S 530°E NWC NE	4601	4-19-85	G.L. 721'
Midland Minerals Corp.	A. Smith #1	330'N 330'E SWC SW NE NW	649	2-19-85	G.L. 726'
Midland Minerals Corp.	A. Smith #4	530'S 330'W NEC SW NW	6751	2-19-85	G.L. 350'
Arno.Ld Strike Oil Development	Bemis #2	350°S 330°E NWC SE NW NE	6181	9-7-85	G.L. 727'
Arnold Strike Oll Development	Bemis #3	350'S 300'E NWC NE NE	604	9-6-85	G.L. 680'
Alan Mays	Lewis #1	Sec. 12 25 5W 330 W NEC SE NW NW	5811	6-13-85	G.L. 614"
Okieco Energy	Deege #1	56c. 15 25 5W 330 to 330 te SWC NW SE	4801	4-22-85	G.L. 725'
Okleco Energy	Rossmiller #1	350'N 350'W SEC NW NW	4611	4-22-85	G.L. 775'
Okieco Energy	Holtshlag #1	Sec. Fr. 51 25 6W 330'S 330'W NEC Sec. 26 2S 7W	4321	8-16-85	G.L. 696'

OPERATOR	WELL NAME	LOCATION	ТОТАL DEРТН	DATE PLUGGED	ELEVATION
ADAMS COUNTY(contd.)					
Humble Resources Co.	N. R. Kurfman #2	330'N 330'E SWC SW NE NE Sec. 12 3S 5W	484	3-25-85	6.1. 638'
Humble Resources Co.	N. R. Kurfman #4	330'S 330'E NWC NE NE	430,	3-25-85	6.1. 6351
Humble Resources Co.	N. R. Kurfman #5	330'N 330'W SEC NE NE	560	3-28-85	G.L. 697'
Humble Resources Co.	N. R. Kurfman #6	330'S 330'E NWC SE NE	507	3-28-85	G.L. 664'
George M. Shoots	Main #1	330'N 330'W SEC NE NW	515*	3-26-85	6.1. 626'
Deita Development & D. C. Oil	Main #2	330'8 NW NEC NW	4801	3-26-85	G.L. 625 <sup>†</sup>
Dallas Drilling & Prod., inc.	Mason #1	350'S 350'S NWC NE	4601	5-6-85	6.L. 7611
Dallas Drilling & Prod., Inc.	Edwards #1	340'N 330'E SWC NE SW NE Sec. 26 35 7W	410	5-6-85	9° 1. 681° 5.
BOND COUNTY					
Courson Coring & Drilling Co.	Mack #1	330'S 330'E NWC NE NW SE	20361	10-4-85	G.L. 543'
Courson Coring & Drilling Co.	Mack #1-A	370'S 330'E NWC NE NW SE	8301	10-5-85	G.L. 543†
Courson Coring & Drilling Co.	Mack #2	330'S 990'W NEC NE SE	8251	10-5-85	G.L. 542'
W. T. Frederking	Schwartz #3	330'N 330'W SEC NW	2026	10-25-85	G.L. 542'
W. T. Frederking	Steiner #1	330'S 990'E NWC SW	585	12-19-85	G.L. 543 <sup>†</sup>
BHP Petroleum(USA) Inc.	A. Zobrist #1	330'N 330'N SEC SE SE NW	2311*	8-17-85	G.L. 541'
Field Tech, Inc.	Sussenbach Comm. #1	350'S 430'W NEC SW NE	2360"	7-22-85	G.L. 538'
E. E. Jenneman	W. H. Grigg #7	36c, 24 5N 4W 330'S 330'W NEC NW SW	2326'	6-4-85	G.L. 604'
E. E. Jenneman	W. H. Grigg #8	350'S 90'E NWC Fr. NW	2321	6-14-85	G.L. 602'

NAME LOCATION TOTAL DATE ELEVATION DEPTH PLUGGED		990'N 330'E SWC 529'' 8-21-03 Sec. 15 6N 2W	1650'N 2310'E SWC 3390' 6-10-85 Sec. 27 6N 2W				er #1 330¹N 330¹E SWc 900¹ 10-2-85 6.L. 620¹	350°N SEC SE SE NE 689' 4-26-85 6.L. 719' 81	350'S 350'S 350'V NEC SE NE NE										306. 32 2M
WELL NAME LO		Elam #1 599	Lach #1 16	Mollett #1 33	Elam-Church Uni† #1 33		Henninger #1 33	May #1 33	Schmidt #2	Dunbar #1 33	Dunbar #2 33	Dunbar & Hendricks #1 33	Dunbar #2 33	Leerhoff #3	Leerhoff #4 33	Dozler #2 33	Dozler #3	Dozier #4 33	90 8
OPERATOR	BOND COUNTY(contd.)	Wesco Resources, Inc.	Wesco Resources, Inc.	Shulman Brothers, inc.	E.E. Jenneman	BROWN COUNTY	Davis Bros. Oll Producers, Inc.	Talent Oll Co., Inc. d/b/a	Talent-Permco, Ltd. Davis Bros. Oil Producers, Inc.	Combined Petroleum, Inc.	Combined Petroleum, Inc.	Halcyon Petroleum, Inc.	Halcyon Petroleum, Inc.	St. Clair Industries, Inc.	St. Clair Industries, Inc.	Professional Petroleum, Inc.	Professional Petroleum, Inc.	Professional Petroleum, Inc.	

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
BROWN COUNTY(contd.)					
Professional Petroleum, Inc.	Pruden #1	330'S 330'E NWc SW	,019	6-6-85	G.L. 472"
Professional Petroleum, Inc.	Watts #1	330'N 350'E SWC SE NW	620	5-22-85	G.L. 480°
Precision Oil Production	Volk #1	330'S 330'E NWC NW SE SE	,099	9-16-85	G.L. 683'
Davis Bros. Oil Producers, Inc.	McClelland #1	330'N 350'W SEC NE SE	675'	9-30-85	G.L. 625'
Homco, Ltd.	Still #6	380'5 35 15 5W 380'5 35 15 1 WC NW SW NE	674"	5-23-85	6.1. 661
Pinnacle Exploration, Inc.	H. Wort #1	36C. 31 15 3M 330 W SEC	185	3-19-85	6.1. 679'
Quest Petroleum, Ltd.	R. Wort #1	330'S NWC SW NW SE	687*	8-30-85	G.L. 680'
Pinnacle Exploration, Inc.	G. Wort #2	330'W SEC SW SE	6531	3-19-85	6.L. 673' P
St. Clair Industries, Inc.	Leerhoff #2	330'5 35 15 3W 330'5 350'E WC NE SE	673*	3-21-85	G.L. 646'
Gaudlin Well Service	Hammer #1	350'N 350'W SEC NE	634*	5-23-85	G.L. 652'
John J. Morrison	Meyers #1	330'N 25'E SWC SE SW	1607	4-24-85	G.L. 716'
John J. Morrison	Meyers #2	350'S 350'W NEC SE NE SW	715"	4-24-85	G.L. 710'
Henry Energy Corp.	Rossmiller #1	330'N 330'E SWC SE SE	1989	4-15-85	G.L. 716'
Henry Energy Corp.	Earl Rossmiller #2	330'N 330'W SE ON SE SE	693'	4-13-85	G.L. 720'
Henry Energy Corp.	Earl Rossmiller #3	330'N SEC SW NE SE	,069	4-13-85	6.1. 720'
Henry Energy Corp.	Earl Rossmiller #4	350'N 350'W SEC NW NE SE	680	4-12-85	6.1. 720'
Henry Energy Corp.	Earl Rossmiller #5	360. 26 15 4W 3301w SEC NE NE SE	675*	4-12-85	G.L. 710!
Henry Energy Corp.	Rossmiller #6	35C	,869	4-12-85	G.L. 705*

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
BROWN COUNTY(contd.)					
Henry Energy Corp.	Earl Rossmiller #7	330'N 330'W SEC NE SE SE	687	4-12-85	6.L. 705'
Henry Energy Corp.	Earl Rossmiller #8	360' 350'W SEC SE SE	6821	4-12-85	G.L. 720'
Mantex Resources	Martin Comm. #1	350°, 26 15 4W 330°N 330°E SWC NW	740'	1-3-85	6.1. 701
G-S Service Co.	Five "M" #1	56C: 52 15 4W 530'N SEC NE NE	1907	4-4-85	6.L. 711"
Longhorn Resources, Inc.	McNeff #10	360' 330' W SEC SW SW	7007	1-5-85	6.1. 7111
Longhorn Resources, Inc.	Logsdon #7	56C. 55 15 4W 5301N 5301E SWC NW	716,	4-23-85	G.L. 700*
Longhorn Resources, Inc.	Logsdon #11	330'Y SEC SE NE NW	706,	4-23-85	6.L. 680°
Professional Petroleum, Inc.	Gust #1	58C. 50 15 4W 530'N 530'E SWO NW NE	6001	6-6-85	G.L. 471° 88
Professional Petroleum, Inc.	Gust #2	58C: 1 25 2W 530'N 330'E SWC NW NE	6201	6-6-85	G.L. 450*
Alpha 011	F. Baptist #3	550'S 330'W NEC SW NE	4801	8-15-85	G.L. 470*
Alpha Oil	Cooper #5	350'S 330'E NWC SW NE NE	5961	6-6-85	G.L. 514"
Clinton Barker	Nash #1	350'S 330'W NEC NW NE NW	610	6-4-85	6.1. 589'
St. Clair industries, inc.	Leerhoff #1	360. 3 28 2W 330'S 330'N NEC SE NE NW	647*	3-21-85	6.1. 625'
Ram Development Co., Inc.	Leerhoff #2	360. 0 20 2W 330'N 370'E SWC SW SE NW	610	3-27-85	6.L. 583°
Texas Gas & Oil	Eichelberger #1	350'S 350'W NEC SE	640*	5-8-85	G.L. 432'
St. Clair Industries, Inc.	Leerhoff #5	360° 28 28 28 28 330° 5 320° NWO SE NE NW	664	3-18-85	6.1. 653'
St. Clair Industries, Inc.	Leerhoff #6	36°5 1 25 3W 330°5 3W NEC	6641	3-18-85	6.1. 651
Kelly Down Drilling	Kleinlein #1	350': 1.23 JM 350': 350'E SWC NE NE Sec. 4 2S 3W	8501	3-19-85	6.1. 660'

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE PLUGGED	ELEVATION
BROWN COUNTY(contd.)					
Kelly Down Drilling	Klein Lein #2	330'S 330'E NWC NE NE	720'	3-19-85	6.1. 673'
Kelly Down Drilling	Kleinlein #4	Sec. 4 25 5W 330'N 350'W SEC SE NW NE	720	3-19-85	6.1. 679'
Kelly Down Drilling	Kleinlein #5	58C: 4 25 5W 530'S 53CE NWC NE	620	3-19-85	6.1. 602'
Cascade Petroleum Corp.	Parn #1-C	58C: 4 23 3W 330's 330'E NWC SE	615	3-19-85	6.1. 665
Yankee Exploration, Inc.	C. Pruden #1	330's 33 34 330's 350's NMC NW NE SE	6701	5-6-6	G.L. 604'
Alan M. Mays	Flynn #1	500't 90's 50's 50's 50's 50's 50's 50's 50's 5	580	6-21-85	G.L. 560'
Gary Gardner & Associates	Westerfield #1	26C; 14 25 3M 480'S 35'W NEC NW	و10،	12-9-85	G.L. 495'
Gary Gardner & Associates	Westerfield #5	3615 3 4W SW NE	1159	12-9-85	6.L. 685' E
Longhorn Resources, Inc.	McNeff #3-A	360'S 330'W NEC NE NW SE	117	1-4-85	G.L. 703'
Longhorn Resources, Inc.	McNeff #A-5	3615 25 4W 33015 30W NEC SW	704	1-4-85	G.L. 692'
Longhorn Resources, Inc.	B. McNeff #10-A	390'. 3 25 4# 330'n 350'E SWC SW SE	722'	1-5-85	G.L. 714'
Texas Gas & Oil Co.	5 M Farms #2	350'1 350'E SWC NW NW	,069	9-12-85	G.L. 712'
Henry L. Bush	Davis #1	3301 N 320 SW NE NE	, 1, 1, 2	3-20-85	G.L. 720'
Henry L. Bush	Davis #2	330'S 330'W NEC SW NE	195	10-22-85	6.1. 635'
Texas Gas & Oil Co.	Boylen #1	330'S 520'W NEC NW	1689	5-2-85	6.1. 710'
The Ogle Corp.	A. Jones #2	350'S 330'W NEC	683*	10-8-85	6.1. 701'
Texican Energy	Manton #1	350'N 330'W SEC	6121	10-28-85	G.L. 653'
Midwest Oil Producers	Roger Thiess #1	58C. 15 2S 4W 53015 33016 NWC SW 567 16 25 AW	620	3-28-85	G.L. 560°
		מפרי בי ער ליי			

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
BROWN COUNTY (contd.)					
Midwest Oil Producers	Roger Thiess #2	3301S 3301E NWC SW NW SW	•009	3-28-85	6.1. 558
Midwest Oil Producers	Roger Thiess #4	360: 16 25 4W 330's 330's NWC NE NW SW	5851	3-28-85	6.1. 555'
Humble Resources Co.	N. R. Kurfman #1	350'S 330'E NWC Sec. 32 28 4W	513*	3-29-85	6.1.590
CALHOUN COUNTY					
Calhoun Research & Development	Aloys Barry #1	330'N 330'W SEC SW SE NE	680	5-8-85	G.L. 805'
Calhoun Research & Development	Geo Smith #1	Sec. 21 113 2W 330'N 330'W SEC SW SE Sec. 26 95 3W	300,	5-8-85	6.1. 530'
CASS COUNTY					184
Bell Crude Oil, Inc.	Sinciair #2	890'S 330'E NWC NE	873'	10-3-85	G.L. 514'
Bullock Oil Exploration	F. Thrasher #1	350'N 350'E SWC NE NW	720'	9-11-85	6.1. 515'
Gene Bell	Finn #1	350'S 350'W NEC NW SE	,026	7-2-85	G.L. 618'
Bullock Oil Exploration	F. Anderson #1	330"	107	9-11-85	G.L. 613'
CHRISTIAN COUNTY					
Ready Oil Co., inc.	Borgic #1	330'S 330'E NWC SE NE	1668	4-17-85	G.L. 668'
Rodney D. Brown	Lambdin #1	350'N 350'W SEC SE SW NW	1,0021	8-28-85	6.1. 601
Pawnee 011 Corp.	Lambdin #1	330'N 330'N SEC NW NW	2400"	1-26-85	G.L. 603'
Pawnee 011 Corp.	Connelly #2	Sec. 14 150 IE 330'S 330'W NEC	1661	1-10-85	6.1. 619'
Pawnee 011 Corp.	Kuhle #21	330'S 330'W NEC SE NE Sec. 32 13N 1E	2491	7-1-85	G.L. 629'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
CHRISTIAN COUNTY (CONTG.)					
James D. Jordan & R. G. Lockwood	L. Cash Corzine #1	330'S 330'E NWC NW NE SE	13831	3-29-85	G.L. 625'
Pawnee 011 Corp.	Cash Corzine #2	330'W SEC SW NE	13111	2-7-85	G.L. 624'
John Carey 011 Co., Inc.	Ferrell #2	990'1 330'E SWC NW	1370'	5-31-85	6.1. 623'
M & N OII Co.	Nation #6-P	5660'S 330'E NWC SE SE	19381	3-19-85	6.1. 6011
John Carey 011 Co., Inc.	Knoche #1	Sec. 25 15N 5W 940'N 255'E SWC SW NW	1875*	7-18-85	6.1. 610'
John Carey 011 Co., Inc.	Porter #1	330'N 330'E SW SE SW	2110*	4-28-85	6.1. 609
Dwight Beckham	Peabody #1	350'N 20'W SEC NE NE	1734'	10-23-85	6.1. 500'
John Carey 011 Co., Inc.	Koonse #1	590'S 330'W NEC NE	1962	11-6-85	6.1. 610* 581
John Carey Oil Co., Inc.	FNB Fels Trust #3	990'S 990'W NEC	,0661	9-1-85	G.L. 598'
Jordan Oil & Gas Co.	Colantino #2	330'N 760'W SEC	1940'	1-16-85	6.1. 556'
Jordan Oll & Gas Co.	Colantion #3	630'N SEC 630'N SEC	1880	10-19-85	6.1. 565'
John Carey 011 Co., Inc.	Treva Sample #1	330'N 350'W SE	1890	1-18-85	G.L. 589'
Homco, Ltd.	Krueger #I	330'S 330'E NWC SE	1810	12-5-85	6.L. 585'
Homco, Ltd.	Yeaman-Van Pel† #I	330'N 330'E SW SE SW	18381	4-24-85	G.L. 587°
Homco, Ltd.	Yeaman-Van Pelt #2	330's 330'w NEC SW SW	1850	12-10-85	G.L. 586'
John Carey Oll Co., Inc.	Elrod #1	Sec. 24 120 30 330'S 330'E NWc NE NW Sec. 32 16N 1W	19551	5-3-85	G.L. 605'
CLARK COUNTY					
John Baines II	John & Lois Shelton #1	330'S 330'W NEC SE NE Sec. 20 9N 12W	14001	9-17-85	G.L. 553'

ATION  410N  565  578  549  576  423  620  555  375  375  375														,0						
ELEVATION		6.1. 585	G.L. 578'	G.L. 579'	6.1. 590'	G.L. 54	6.1. 576'	G.L.	9.1.	3.1.	6.1.	G.L. 423'	6.L.	3.L. 620°	2.L. 553'	3.1. 557	5.1. 5981	6.1. 375	3.1. 650'	
DATE		5-20-85	6-18-85	7-15-85	10-8-85	5-23-85	3-20-85	1-29-85	1-28-85	1-28-85	1-29-85	2-4-85	1-8-85	4-20-85	9-17-85	9-18-85	5-25-85	5-11-85	10-9-85	
TOTAL DEPTH		702'	5801	,116	496'	1775	2175	5221	576'	512	5551	2770	-	\$009	23451	2375	1961	3275	4601	
LOCATION		330'S 330'E NWC SE NE	330'S 330'E NWC	350'N 330'E SWC SE SW	330'N 330'E SWC SE NE	330'N 380'W SEC NE NE	990'N 330'E SWC	1'N 1'W SEC NW SE SE	220's 220's SWC NE NE	214.54 34 34 14W 214.52 1'E NWC SW NE NE	Jec. 34 30 147	330's 90'E W	330'S 330'E NWC NE SW	340'S 330'E NWC SW NW	350'N 350'W SEC	Sec. 21 IIN IIW 330'N 330'W SEc	Sec. 28 IIN IIW 990'S 660'E NWC	Sec. 19 11N 13W 330'S 660'E SWc NW	Sec. 5 IIN 14W 330'S 330'E NWC NE	Sec. 11 11N 14W
WELL NAME		Roan #1	James Seaton #1	Leatherman #2	Durward E. Gross #1-A	Durward E. Gross #2-A	Deverick Heirs #1	M. Partlow #H0-18	M. Partlow #1	Marion Partlow #0-1	M. Partlow #H0-18-A	Frank Tingley #1	Pence #1	Gallatin #3	H.L. Hollingsworth #1	Bishop Etal #1	Kelly #1	Fred McVey #7-M	Tarble #30	
OPERATOR	CLARK COUNTY(contd.)	Shoe-Mack Oil Corp.	Pedco	Glennard Bunton	Cardinal Production, Inc.	Cardinal Production, Inc.	County Exploration & Prod.inc.	Gary-Williams Oil Producer	Gary-Williams Oll Producer	Gary-Williams Oil Producer	Gary-Williams Oll Producer	Pioneer Oil & Gas	Triple C 011 Co.	Jason Recovery Systems, Ltd.	Triple C 011 Producers, Inc.	Triple C 011 Producers, Inc.	Gary & Linda Horsley	Ashley Oll Co.	Earnest Zink	

OPERATOR	WELL NAME	LOCATION	ТОТАL DEРТН	DATE	ELEVATION
CLARK COUNTY(contd.)					
B C Energy Corp.	Schiver #1	330'S 330'E NWC NW NW SE	1809	4-29-85	6.1. 666
M & H Production Co.	Grisson #6	330'S 330'W NE NE	2801	10-28-85	G.L. 650'
Midwestern Gas Transmission Co.	State Line #17	330'1 SWC NW	2045'	9-18-85	6.1. 504
Illinois Crude Oil Prod. Inc.	Cross #1-IN	Sec. 33 IZN 10W 660'S 535'W NEC SW	540,	1-18-85	G.L. 743'
Illinois Crude Oil Prod. Inc.	Andrew Cross #1-R	350'N 330'W SEC NE SW	4951	1-24-85	G.L. 743'
Samuei Murphy	Cross #2	250'N 270'N 14W 250'N 270'N 8EC SE NE SW	\$207	4-30-85	G.L. 648'
Illinois Crude Oll Prod. Inc.	Cross #2-R	350'S 330'W NEC SW Sec. 29 12N 14W	5551	1-24-85	6.1.737'
CLAY COUNTY					7
Mid-America Petroleum Corp.	Burkett #1	330'N 330'E SWC NE SE	4631	6-29-85	6.1. 536
Crest Oil Co., Inc.	Lindsey Comm. #1	560'S 60'N NEC NW	4740*	7-3-85	G.L. 552'
Bruce Anderson	Gladys King #1	58C. 3 ZN 2E 530 N 330 IE SWC SE SW	3145'	5-14-85	G.L. 488'
Estate of John M. Zanetis	W. L. Stanford #1	59C. 3 ZN 0E 330'N 330'E SWC	31345	8-14-85	D.F. 445'
Estate of John M. Zanetis	W. L. Stanford #3	330*N 320 SW SW SW 330*N 330*N SW SW	29661	8-21-85	G.L. 440'
Booth Resources, Inc.	Roy-Pan #1	330'S 320'E NWC NW SE SW	3175"	11-3-85	G.L. 4511
Tri-State Exploration, Inc.	Pearce #1	330'S 330'W NEC NW NE SE	31961	2-8-85	G.L. 462'
Hubert W. Rose	James Buffington #1	430'N 365'W SEC	36131	1-22-85	G.L. 441'
Union Oil Co. of California	Daney Schott #7	565'S 330'E NWC SW	31091	5-20-85	G.L. 469'
Union Oil Co. of California	Clay City Banking Co. #2-A	Sec. 5 ZN 8E 660*N 330*W SEc Sec. 6 ZN 8E	31881	5-20-85	G.L. 430'

LOCATION TOTAL DATE ELEVATION DEPTH PLUGGED		B Daly #6 660*N324*W SEC NW 3135* 5-31-85 0.F. 470*	Sec. 6 2N 8E 5123' 5-16-85 G.L. 464'		Sec. 7 2N 8E	Sec. 9 2N 8E	330'S 330'W NEC SE SW 4163'    - 9-82		#2-A		#3-A	 Sec. 18 2N 8E	330'S 330'W NEC NW 2930'S 350'	C NW SW 4650' 11-4-85 G.L.			Sec. 19 3N 5E 2927' 1-9-85 D.F. 521'	Sec. 36 3N 5E 2852' 2-18-85 G.L. 520'	Sec. 36 3N SE 2920' 6-25-85 G.L. 521'	Sec. 35 3N SE	Sec. 3 3N 7E	330'N 330'E SWC SE NW 3636' 2-5-85
WELL NAME		oh % louise Dalv #6				T. H. Tetrick #A-10	Zimmerman #1	R, H, Pierce #3	#2-A	paret Bunn #2	#3-A	 	William Krutsinger #1	Fatheree #1	M. Smith Comm. #1	Rice-Smith Comm. #1	- 122 G G		74 300		Harrison & Hagan Comm. #1	Lottie Lynn Estate #1
OPERATOR	CLAY COUNTY(contd.)	California		Union OII Co. of California	Union Oil Co. of California	Union Olf Co. of California	Hocking Oil Co. , Inc.	Union Oll Co. of California	Union Oil Co. of California	of Collifornia	201100000000000000000000000000000000000	Union Oil Co. of California	Robinson Englneering	MCZ, Inc.	Diamond Energy Co.	Diamond Energy Co.	10 N CE CO	2 100 10 1 10 10 10 10 10 10 10 10 10 10	G. M. Shoots	George M. Shoots	KWB Oil Property Management, Inc.	Hubert W. Rose

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
CLAY COUNTY(contd.)					
Republic 011 Co., Inc.	Delaney #1	480¹N 330¹W SEC SW SE	3628'	12-17-85	G.L. 458'
Franklin Oll Co., Inc.	German #1	990'S 350' /E	3150'	7-15-85	G.L. 430'
Franklin 011 Co., Inc.	German #5	380'1330'N /E 380'1330'N SEC NE NE	25891	7-15-85	G.L. 430'
Gator 011 Co.	Thomanm #1-G	330'1330'W SEC SW NE	29801	9-17-85	G.L. 430'
Neims Bros. 011 Properties, inc.	H. R. Hardy #1	330'N 330'E SWC SE SE	35501	7-31-85	G.L. 459'
Triple C 011 ∞.	Terry Frost #1	330'S 330'E NWC NE NE	30301	8-23-85	G.L. 464'
Bernard Podolsky	Kidweil #1	330'N 330'E SWC NW SW	3060'	8-11-85	6.1. 450'
Steven A. Zanetis	Duff Heirs #W−1	330'N 330'W SEC NE NW	36401	5-16-85	G.L. 468' 68
Steven A. Zanetis	Duff Heirs #W-2	58C. 23 SN 7E 530'N 330'E SWC NE NW	3137'	5-13-85	D.F. 465'
Nelms Bros. Oil Properties	Laverne Wiesbrock #1	330' 330'E SWC NE	38601	10-8-85	G.L. 451'
J. W. Rudy Co.	Mitchell #1	330'S 330'E NWC	37001	5-17-85	G.L. 437'
Gem Oil & Gas Co., Inc.	Rotchford #3	Sec. 4 5N 8E 330'N 330'E SWC SE SW	36501	5-21-85	G.L. 417'
Jasper Oil Producers, Inc.	Reinbol† "A" Lse. #1	390'S 330'W NEC SE SE	3075'	6-15-85	G.L. 437'
Watch 14 011 Corp.	Clark #1	330'N330'W SEC SW NE	31111	4-29-85	G.L. 473'
J. W. Rudy Co.	Trevor #B-1	330'S 330'W NEC SW	31801	11-20-85	G.L. 508'
J. W. Rudy Co.	H. R. Good #1	56c. 50 3N 8E 530'N 530'W SEC NW NW	30581	11-24-85	G.L. 462'
Union Oll Co. of California	A. G. Stanford #1	Sec. 32 3N 8E	30951	7-16-85	G.L. 463'
Miller Well Service	Pilcher #1	Sec. 32 SN 8E 530 N SOFE SWC NE 5.00 N SN SF	31131	7-21-85	G.L. 554°
		Sec. 6 4N JE			

ELEVATION		6.1. 530'	6.4. 530	G.L. 457'	6.1. 487	6.1. 496'	G.L. 497'	G.L. 474'	6.L. 486° Ö	G.L. 491'	G.L. 446'	G.L. 444'	G.L. 454'	6.1. 511'	G.L. 480'	G.L. 480'	G.L. 476'	6.1. 472"	G.L. 475'	
DATE		6-7-85	6-11-95	7-6-85	8-1-85	6-20-85	5-28-85	6-27-85	12-26-85	1-7-85	7-16-85	1-9-85	2-10-85	5-8-85	5-3-85	1-24-85	6-30-85	5-17-85	1-28-85	
TOTAL		2652	4307	28401	2876'	2870	3001	3743*	2894	30001	2877	2867	32851	2831*	2862	2558*	28151	2652*	3005	
LOCATION		990'S 330'E NWC SW	Sec. 14 4N 5E 801,4 N 3301E SWC	Sec. 14 4N 5E 330¹N 350¹W SE	330'S 330'W NEC NE NE SE	56C) 330W NEC SW	330'N 350'W SEC NW SW	56C. Z 4N 0E 53018 3301W NEC SE	Sec. 10 4N OE SW	59C: 11 4N OE 53C: N3C: 5MC NW NW	365. 12 4N 0E 33013 3301E NWC SE	350' 1 2 4N DE 350'N 4N E SWC NW SW	Sec. 14 4N OE 350'N33'N SE SMC NW	330'N SEC NE SE	350'S 350'E NWC SE	Sec. 5 4N /E 3301'S 320'W NEC NW SW	350'N 350'E SWC Fr. NW	330'S 330'E NWc SW SE	330'S 330'W NEC	Sec. 11 4N /E
WELL NAME		L. Gibson #1	Gibson #7	Flaughter-McCollum #1	Smith #1	L. Burton #1	Peavier #1	Daugherty #1	Barbee-Hayes Comm. #1	Haun-Baylor Comm. #1	Hayes Comm. #1	L. Cochran #1-A	L. Cochran #2-A	Ray Speaks #1	Herdes #1	Jewell Leonard #1	McGee Etal #1	Montoney #1	Arthur W. Phillips Com*!	
OPERATOR	CLAY COUNTY(Contd.)	"K" 0il, Inc.	"K" 011, Inc.	Bro-Mar Oil Co.	Bro-Mar 011 Co.	F.Lowell Hagen	BLH & Associates, Inc.	Neims Bros. Oil Properties, Inc.	Jim Ordner & Charles Felty	F.Lowell Hagen	McKinney Oil Producers, Inc.	"K" 011, Inc.	"K" 011, Inc.	"K" 0il, Inc.	Walter R. Sledge	Saelby A. & Sylvia Britton	Robinson Engineering	Mac Oil Co.	T. L. Clark	

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
CLAY COUNTY(contd.)					
Shelby A. & Sylvla Britton	Marie Tungate #1	330'N 330'E SWC	29351	6-4-85	D.F447*
B & B Disposal, inc.	P. Berthold #1	330'S 330'F NWC NW NW SE	30801	6-11-84	G.L. 478*
McKinney Oil Producer, Inc.	McCollum #1	350'S 330'E NWC NE NW	29031	10-21-85	G.L. 461'
McKinney Oil Producer, Inc.	McCollum #1	50C 50 4N 7E 601S 50'E NWC NE SW	9651	10-21-85	G.L. 459'
McKinney Oll Producer, Inc.	L. E. McCollum #1-B	350'S 330'W NEC SE NW	2907	5-7-85	G.L. 462'
Shelby A. & Sylvia Britton	H. Franklin #1	330'N 330'E SWC NW NE	2933'	10-24-85	G.L. 447'
KWB Oil Property Management, Inc.	J. M. Harrison #1	330'N 330'W SEC SE SW	26121	5-6-85	6.L.
Franklin OII Co., Inc.	Franklin-Kessler #3	990 'N 330 'W SEC NW NW	2967'	7-20-85	G.L. 433'
Franklin Oil Co., Inc.	Kessler #9	330's SNO SNO NW	2954	8-5-85	G.L. 443*
Triple S Oll Producers, Inc.	Klingler #1	330'N 350'N SEC NE NW NW	30831	5-16-85	G.L. 470°
Booth Resources, Inc.	John Hinterscher #1	330'N 330'W SEC NE	30601	10-15-85	G.L. 465 <sup>†</sup>
Booth Resources, Inc.	C. Rauch #1	330'N SEC NE SE	31221	10-9-85	G.L. 460'
Booth Resources, Inc.	J. Kessler #1	3301N320 SWC NW SW	3555	10-17-85	G.L. 460'
Booth Resources, Inc.	J. Kessler #2	330'S GOOF NWC SW	3125	10-11-85	G.L. 4611
Homco, Ltd.	O. Sessengood #1	330'N 330'E SWC NW NW	35561	10-7-85	G.L. 443'
E. S. Investments, Inc.	Frutiger-Brown #1	350'S 350'E NWC SW	10605	12-19-85	G.L. 440°
E. S. Investments, Inc.	West #2	330'N 330'W SEC NW NW	31501	11-26-85	G.L. 443*
J. W. Rudy Co.	E. M. Herdes #3	Sec. 33 4N 8E 350'N 350'E SWC SW NE SW Sec. 34 4N 8E	35651	9-11-85	6.L. 433°

TOTAL DATE ELEVATION DEPTH PLINCED		3732' 9-6-85 6.1. 441'	2532' 2-20-85 6.L. 567'	2650' 4-29-85 G.L. 497'	2600' 2-8-85 G.L. 531'	2-26-85 G.L. 518!	2960' 12-8-85 G.L. 504'	2851' 10-8-85 G.L. 463'	3000' 11-27-85 6.1. 524' 6	3300* 10-18-85 6.L. 522*	3281' 10-17-85 6.L. 522'	2526' 8-23-85 G.L. 518'	2950' 9-5-85 G.L. 505'	3225' 12-9-85 6.L. 492'	2920' 12-4-85 G.L. 487'	2975' 5-19-85 G.L. 488'		1088' 4-29-85 G.L.	1081' 5-7-85 G.L.
LOCATION		330'S 330'E NWC NE	33005 330 NW NW	Sec. 18 3N 3E 330'N 330'E SWC SE NE 500 37 5N 5E	350: 27 JN JC 350: 37 JN JC 550: 37 SN SE	330'N 350'N SEC NW SE	350' 11 3N OC 350' N 350 N SC NW SE	560.1x 330.W SEC SW SE	330'S 710'E NWC SW	36C; FF, / 3N /E 330'S 330'W NEC	350'N 350'N SEC NW NE	39C. 10 3N /E 30N 400 SWC SW NE SE 500 10 EN 2T	350.5 350 NMC SE SW	330'S 330'N NEC SE NE	33015 330 NE SE SE	330'N 330'E SWC NE Sec. 35 5N 7E		330'N 1650'W SEC Fr. NW	990'N 1650'W SEC Fr. NW
WELL NAME		C. G. Zerkel #1	Kraucunas #1	Onstott & Jenkins #1	Fender #2	Mellendorf Heirs #1	P. Woody #1	Childers #1-A	R. Grahn #1	Berthold #1	Berthold #2	Specht #1	G. Frohning #1	Cornwell #1	Wattles #2-D	Farrel Wolfe #2		Ducomb #2	Ducomb #3
OPERATOR	CLAY COUNTY (contd.)	W. H. Lynch OII Prod. Inc.	New Spirit, Inc.	Bro-Mar 011 Co.	Barak Oil Co.	Robinson Engineering	Henry Engineering Corp.	The Triad Oil Corp.	Henry Energy Corp.	Edward C. Koch	Edward C. Koch	Pleasure Oil Co., Inc.	Topper's Oil Co., Inc.	Ada 011 Co.	Goose Creek Oll Co.	Walter R. Sledge	CLINTON COUNTY	Shulman Brothers, Inc.	Shulman Brothers, Inc.

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
CLINTON COUNTY (contd.)					
Shulman Brothers. Inc.	Ducomb #4	990'N 2310'W SEC. Fr. NW	1129'	4-30-85	6.1.
Shulman Brothers, Inc.	Ducomb #7	Sec. 6 IN 2W 330'S 1650'W NEC Fr. NW	10531	5-9-85	6.1.
Shulman Brothers, Inc.	Ducomb #8	Sec. 6 IN 2W 990'S 1650'W NEC NW	12221	5-8-85	6.L.
Farmers Cruda Prod. Co.	Brinkman #6	Sec. 6 IN 2W 330'S 330'E NWC SW SE	11811	10-1-85	6.1. 422'
Paul Smalley Jr.	Frieda Twenhafel #1	Sec. 9 IN ZW 380'S 330'W NEC	12821	9-20-85	G.L. 430'
Ben Ober	Kampwerth #1	SSC., Z6 IN ZW S301N SSC NW NW	2526'	10-5-85	G.L. 498'
BLH & Associates, Inc.	Jansen #5	330'S 330'W NEC SE NE NE	2452"	7-17-85	G.L. 443*
BHP Petroleum (USA) Inc.	Kofmel #1	3301S 3301S SW	1,967.1	11-30-85	G.L. 478° 561
John F. Dunnill Oll, Inc.	Quip Industries #1	Sec. 9 ZN 1W 1660'S 1300'W NEC NW	16611	7-31-85	G.L. 427'
John F. Dunnill Oil, Inc.	Quip Industries #3	1641'S 660'W NEC NW	15291	7-31-85	G.L. 423'
Courson Coring & Orig. Co., inc.	Litteken #1	330'N 330'W SEC NW SW	10201	1-30-85	G.L. 464'
John F. Dunnill Oil, Inc.	Dorries-Niebruegge Comm.#1	330'N GOW SEC NW	2460'	3-29-85	G.L. 440*
Joe A. Dull	Wilson Wuebbels #1	Sec. 25 ZN 4W 6601S 3501W NEC SE NW	2446'	5-23-85	G.L. 435!
Schoffeld 011 Co.	Buchele #1	350'N 330'W SEC NE NE	29001	9-19-85	G.L. 473°
Jordan Oil & Gas Co.	Tyberendt #1	330'S 330'W NEC SE	1560	4-13-85	G.L. 476°
Shamrock Drilling Corp.	E. Sohn Trust #1	350'N 990'E SWC	1145	12-27-85	6.1. 462'
Courson Coring & Drilling Co.	Luebber #1	330'S 330'W NEC	10801	12-27-85	G.L. 4521
Cletus & Monica Netemeyer	Schuette #1	Sec. 10 3N SW 990'S 99 SW NWC NE	2310'	9-1-85	G.L. 4391
		Sec. 25 3N 4W			

OPERATOR	WELL NAME	LOCATION	ТОТАL DEРТН	DATE	ELEVATION	
COLES COUNTY						
Carl White	Dole #2	330'S 330'W NEC SE NE	35721	9-13-85	6.L698¹	
Charles Armantrout	FNB Trust #1	330'S 330'E NWC SW SE	2450"	6-3-85	6.L. 732°	
Elton Botts	Corbin Heirs #0-1	Sec. 27 I2N 7E 380'N 355'E SWC NW NE	20491	9-29-85	G.L. 6511	
Exxon Corp.	Arnold E. Walden Etux #1	Sec. 16 13N 7E 660'S 330'E NWC SW	38301	10-9-85	G.L. 686'	
Exxon Corp.	Estella Swango etal #2	Sec. 4 13N 9E 350'N 680'W SEC	40261	9-4-85	6.L. 677'	
Exxon Corp.	Estella Swango etal #1	Sec. 21 15N 9E 330'N 600'E SWc	3565'	8-18-85	G.L. 683'	
Petdelco, Inc.	Floyd Childress #2	Sec. 22 13N 9E 330'N 330'E SWC SW NW SW	442'	6-21-851	6.1. 688'	
Watters Oll & Gas Co.	Charles Fleming #1-A	Sec. 20 15N 14W 350'N 350'E SWC NE	18901	5-19-85	6.1. 659' F	
Exxon Corp.	William M. Grant etux #1	Sec. 33 14N 7E 330'S 660'E NWC N\ S\ Fr. SW	41001	9-16-85	G.L. 664'	
		Sec. 31 14N 9E				
CRAWFORD COUNTY						
Brinkley Enterprises, Inc.	Illyes-Hocking #2	1650'N 330'W SEC	19861	4-25-85	G.L. 442'	
Trenton 0il Co.	C.A. Goodwin #2	Sec. 6 5N 10W 330's 5N 10W SE	800	2-7-85	G.L. 4391	
Empire Oil & Gas Co., Inc.	Weger Lease #X-1	Sec. 8 3N 10W 250'S 250'E NEC NE SW Sec. 14 5N 12W	10001	1-7-85	6.1.	
Empire Oil & Gas Co., Inc.	Weger Lease #X-2	500'S 12'W NEC XE SW	10001	1-8-85	6.1.	
E. L. Whitmer, Inc.	Mildred Judy #1	350'N 350'W SEC NW NE	10851	11-25-85	G.L. 477'	
Mason Oil Co.	Due Heirs #R-1	Sec. 24 3N 12W 500'N.L.	,009	9-26-85	6.1.	
Energy Resources of Indiana, Inc.	Coulter #12	Sec. 2 2N 13W 300'N.L.'N 600'W. L. W Sec. 2 5N 13W	10001	4-10-85	6.1.	

OPERATOR	WELL NAME	LOCATION	ТОТАL DEРТН	DATE	ELEVATION
CRAWFORD COUNTY(contd.)		MA SOUTH ME NEW	,0001	4-17-85	6.1.
Energy Resources of Indiana, Inc.	Rosborough #5	500 3 50 1 m 1 c c c c c c c c c c c c c c c c c	14401	7-10-85	G.L. 473'
Energy Resources of Indiana, Inc.	westey buntab #1	Sec. 12 50 13W Sec. 12 50 13W 990'n 250'W SEC NW	10201	3-19-85	6.1.
Energy Resources of Indiana, Inc.	Allen P. Mann #3	Sec. 12 5N 13W 330'N 330'W SEC NE	,0001	11-16-85	G.L. 479°
Dahart B Britton	R. Steber #1	Sec. 12 5N 13W 330'N 330'W SEc	2925	9-13-85	G.L. 477'
200eri B. 011100	Lindsey #1	Sec. 23 5N 14W 660'N 990'E SWC	940	9-6-85	G.L. 488'
Cole Energy Development	Byron J. Murray #1	350, 29 6N 11W 350N 3301W SEC NW NW	1065	10-18-85	G.L. 498'
Carl M. Hubbartt	Raymond Kibler #1	350'S 330'W NEC SE SW	10501	10-11-85	529
Carl M. Hubbartt	Raymond Kibler #2	330'N 330'W SEC SW	1986 □	10-11-85	6.L.
Charles L. Siler	C. E. Davis #13	330'N 990'W SEC SW	10001	4-22-85	G.L. 4/9'
E. L. Whitmer, inc.	A. Rosborough #1	2001S 2001W NE NW NE Sec. 3 6N 13W	10001	4-17-85	6.6.
Christa 011 Co.	Utterback #LW-234	0'N 660'W SEC NE SE	2509	8-23-85	G.L. 208
Christa 011 Co.	York Heirs #3	640'N 660'E SWC NE	086	68-81-6	G.L. 484
Texaco, Inc.	J. Shire #M-6	660'S 60'W NEC Sec. 15 6N 13W	9551	11-70-82	
Marathon 011 Co.	C. H. Dyar #13	220'N 660'E SWC SW Sec. 24 6N 13W	996	1-16-85	6.1.
Christa 011 Co.	J. N. Barnes #18	200'S 200'W NEC 3W NE	955	2-19-85	6.1. 314
Christa Oil Co.	J. N. Barnes #37	200'N 200'N SWC NE NE	1032	3-29-85	G.L. 517
E. L. Whitmer, Inc.	Trump Etal #11	5ec. 25 bN 13W 330'S 330'W NEC SE Sec. 34 6N 13W	9651	7-16-85	G.L. 496*

ELEVATION		6.1.	G.L.	G.L. 506'	G.L. 548†	3.1. 510'	G.L. 544'	3.1. 595	3.1. 538* 196	3.1. 521'	3.1. 550	3.1. 506'	e.		·	-1 c',	i di	-i		÷
DATE		10-10-85	10-9-85	11-1-85	7-11-85	6-28-85	10-24-85	9-9-9	2-20-85	10-4-85	7-18-85	2-11-85	12-13-85	12-12-85	12-11-85	12-12-85	10-12-85	12-11-85	10-15-85	12-10-85
ТОТАL DEPTH		950	,026	2000	10251	1040	10221	1035	12491	,066	, 666 6	11.6	983*	975*	1696	4526	,096	1002	1096	9851
LOCATION		330'S 330'E NWC SW NW	10'N 10'E SWC NW NW	330'S 330'E NWc NE SW	350'S 330'W NEC SE NW	330'S 330'E NWC NW SW	330'S 330'E NWC NE NW	330'S 330'W NEC	350°S 330°W NEC NW	Sec. 50 /N IZW 360'N SEC SW SE	56C. Z /N 15W 5301N 900'E SMC SE	660'N COUTE SWC SW SE NW	30'S 40'W NEC NE NW	56C. 11 /N 15W 55'S 650'E NWC NE	502's 45'W NEC NW	502's 630'E NWC NE	502'S 1305'E NWC NE	Sec. 11 7N 15W 680'S 140'E NWC NE	Sec. 11 7N 13W 984'S 632'E NWC NE	Sec. 11 7N 15W 150'N 220'E SWC NW SW NE Sec. 11 7N 13W
WELL NAME		Baldwin Well #03	Frank Richart #TW-18	Joan Knollenberg #1	George L. Athey #15	G. Waggoner #1	Price #1	John Murray #1	Velma Courtelyou #1-A	Clell Keller #1	Mary Stallings #1	A. Reed A/C 3 #7	W. A. Howard #PW-10	W. A. Howard #RW-10	W. A. Howard #QW-11	W. A. Howard #RW-11	W.A. Howard #SW-11	W. A. Howard #QW-12	W. A. Howard #RW-12	W. A. Howard #QW-13
OPERATOR	CRAWFORD COUNTY(contd.)	E. L. Whitmer, Inc.	E. L. Whitmer, inc.	John Baines II	Christa Oil Co.	Christa Oil Co.	Don W. Newton	Glennard Bunton	Olin M. Weaver Sr.	Kerson Geologic Service, Inc.	Redman Production Co.	Marathon Oil Co.	Duse Corp.	Duse Corp.	Duse Corp.	Duse Corp.	Duse Corp.	Puse Corp.	Duse Corp.	Duse Corp.

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
CRAWFORD COUNTY(contd.)					
Mason Oil Co.	Howard #R-13	15'N 660'W SEC NE SW NE	\$086	9-6-85	G.L.
Duse Corp.	W.A. Howard #RW-13	15'N 660'N SEC NE SW NE	9731	12-13-85	G.L.
Mason 011 Co.	Howard #5-13	15*N 15*W SEC NE SW NE	1866	9-6-85	6.1.
Duse Corp.	W. A. Howard #SW-13	15*N 15*W SEC NE SW NE	1266	12-3-85	G.L.
Duse Corp.	Howard #17	880'S 660'E NWC NE	1096	10-9-85	G.L.
Duse Corp.	W.A. Howard #23	4751S 620 W NEC NW	9551	12-5-85	G.L.
Mason Oil Co.	Howard #23	475'S 620'W NEC NW	9301	9-6-85	6.L.
Duse Corp.	W.A. Howard #24	Sec. 11 /N   5W 470'S 99'W MEC NW	974'	12-5-85	G.L. 528' L61
Mason Oil Co.	Howard #24	470'N 390'W MEC NW	1996	9-9-85	G.L.
Duse Corp.	S. E. Wilkin #7	330'N 330'E SWC NE	950	7-9-85	G.L.
Christa 011 Co.	Ragon-Hart Comm. #1	330'S 330'E NWC SE SE	10401	6-26-85	G.L. 510'
Marathon Oil Co.	L. S. Mattox #2	300'N 15W 30W 300'N SEC SE SE	1996	1-20-85	G.L.
Christa OII Co.	J. N. Barnes #45	200'N 200'E SWC SW NW	.116	3-26-85	G.L. 525'
Ouabache Oil & Gas Inc.	J. N. Barnes #6-F	1294*N 660*E SWC SE	1086	12-23-85	G.L.
Ouabache Oil & Gas inc.	J. N. Barnes #8	SEN SW SE	1086	12-27-85	6.L.
Ouabache Oil & Gas Inc.	J.N. Barnes #8-F	435 'N 60'E SWC SE	1086	12-4-85	G.L.
Ouabache Oil & Gas inc.	J. N.Barnes #9	290' S AO'E SWC SE	1086	12-6-85	G.L.
Christa Oil Co.	J. N. Barnes #18	Sec. 20 /N 13W NE NW NE Sec. 26 7N 13W	9551	2-19-85	G.L. 514'

ELEVATION		6.1.	6.1.	6.1. 517	6.1.	6.1.	6.1.	6.L.	6.L.	6.1.	6.1.	G.L. 503'	6.1.	G.L.	6.1.	6.4.	G.L.	6.1.	6.1.	
DATE		7-31-85	12-23-85	3-29-85	4-30-85	12-30-85	12-2-85	8-15-85	12-27-85	12-24-85	9-1-85	7-19-85	11-21-85	12-12-85	12-12-85	12-13-85	7-3-85	7-5-85	12-16-85	
TOTAL		870'	9301	10321	9551	,006	910,	1,768	,086	925,	925*	10231	930,	,066	1086	9301	,016	922	905	
LOCATION		NW SW SW SE	SW NW SE	Sec. 26 /N 13W Swill N 13W	Sec. 20 /N 15W	Sec. 20 /N 15W NW SE SW SE	Sec. 20 /N 15W	Sec. 20 / N 15W	Sec. 20 /N 13W N SE SE So 36 7N 13W	NE NE SE SE SE SA TAM	SE SE SE	350'S 330'E NWC NE SW	350'S 350'W NEC SE NW	NE NW NW NE	Sec. 55 /N 15W 51015 6601E NWC NE	Sec. 35 /N   SW SE SW NW NE	Sec. 35 7N 15W	Sec. 55 /N ISW	Sec. 35 7N SW	Sec. 55 /N 15W
WELL NAME		J. N. Barnes #29	J. N. Barnes #30	J. N. Barnes #37	J. N. Barnes #44	Mary McClain Fee #1	Mary McLain Fee #7-F	Mary McLain Fee #9-F	Mary McLain Fee #18	Mary McLain Fee #24	Mary McLain Fee #26	Sherrill #5	Barnes #8	J. N. Barnes #10	J. N. Barnes #10-F	J. N. Barnes #12	J. N. Barnes #26	J. N. Barnes #28	J. N. Barnes #48	
OPERATOR	CRAWFORD COUNTY(Contd.)	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Christa Oil Co.	L & L Supply	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oll & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Larry C. Neely	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	Ouabache Oil & Gas Inc.	

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
CRAWFORD COUNTY(contd.)					
Ouabache Oil & Gas, Inc.	Mary McLaine Fee #7	330'S 330'W NEC NW NE	10651	7-31-85	6.1.
Ouabache Oil & Gas, Inc.	Mary McLain Fee #H-10	560'5 SO /N 12W 660'5 SO /N NEC	9301	7-30-85	6.1.
Ouabache Oil & Gas, Inc.	Mary McLain Fee #11-F	Sec. 55 /N 15W 1000'S 60'E NWC NE	*086	12-3-85	6.L.
Ouabache Oii & Gas, Inc.	Mary McLain Fee #15	325'N 535'W SEC NW NE	9301	12-27-85	G.L.
Ouabache OII & Gas, Inc.	Mary McLain Fee #20	250'S 120'S NW NE	923*	5-11-85	6.1.
Ouabache Oil & Gas, Inc.	Mary McLain Fee #22	NW NW SE	1006	8-23-85	G.L.
Ouabache Oii & Gas, Inc.	Mary McLain Fee #27	NE NE NE NE NE NE NE NE NE NE NE NE NE N	1216	9-30-85	G.L.
Ouabache Oil & Gas, Inc.	Mary McLain Fee #28	490'N SEC NE NE	9201	9-28-85	99
Robert E. Newlin	Walter Holmes #1	350'N 330'N SEC NE SW	10101	4-26-85	G.L. 455°
Robert E. Newlin	W. S. Holmes #3	36C. 0 0N 12W 330'S 350'S SW 2E SW	1266	5-1-6	G.L. 565°
Christa Oil Co.	A. G. Bishop etal #H-5	Sec. 0 on 12m 1015 660 NWC NE 500 NM 12M	,0001	3-19-85	6.4.
Christa Oil Co.	A.G. Bishop Et Con #G-6	Sec. 20 on 12# 66015 NE 66015 NE	10001	3-18-85	G.L.
Christa Oil Co.	A. G. Bishop #H-6	560'S 650'N 12W 660'S 650'N NE NE NE NE NE SEC. 20 NE SEC. NE NE NE	10001	3-18-85	6.L.
Christa Oil Co.	A. G. Bishop Etal #1-6	500'S NW NE NE NE NE NE NE NE NE NE NE NE NE NE	10001	3-19-85	G.L.
Christa Oil Co.	Cobie #1	330'W 330'W SEC NW NW	1066	7-11-85	G.L. 561
Christa Oil Co.	Newlin #2	350'S 330'W NE SW NW	985*	7-5-85	G.L. 569'
C. Gene Wilkin	Lamb #1	330' N 330'E SWC NE	1095*	9-8-85	G.L. 550*
Schackman Oil Producers, Inc.	Edward Tutfle #1	990'N 330'W SEC SE SE Sec. 20 8N 13W	1756*	1-8-85	6.1. 536'

NOTTAN TATO	PLUGGED		1033' 11-3-85 G.L. 547'	10-31-85 G.L. 536'	2842' 7-13-85 G.L. 529'		3940' 10-23-85 6.1, 621'	2545° 8-31-85 G.L. 570°	2537' 10-25-85 G.L. 526' 8	2660° 9-27-85 G.L. 640°	2674' 9-25-85 G.L. 521'	1465' 9-21-85 6.1. 560'	5-23-85 6.L. 641'		1971' 12-27-85 6.L. 664'	2560' 12-18-85 G.L. 645'	211' . 9-9-85 G.L. 678'	2510' 11-7-85 6.L. 693'		460' 8-6-85   G.L. 715'
NOTATORY	LOCATION		330'S 330'E NWC SW NW	Sec. 25 8N 13W 330'N 330'E SWC SE NE	Sec. 36 BN 13W 330'S 330'E NWC SE SW Sec. 24 BN 14W		990'N 360'E SWC SE NW	Sec. 29 9N /E 410'N 330'E SWC NE SE	Sec. 18 9N 8E 330'N 330'N SEC NE SW	330'N 99'N 9E	330'N 99'N 9E 330'N 99'N SEC NE NE	30'S 330'E NWC	sec. 30 3N 10E 330'S 330'E NWC SW SE Sec. 18 10N 11E		660'N 660'E SWC NE SW	330'N 660'E SWC	350'N 350'W SEC	350'S 990'W NEC NW Sec. 5 16N 8E		350'S 330'E NWC SE SW
	WELL NAME		Presley-Lamb #A-5	Athey #1-A	Veri & Betty Wiman #1		Effingham State Bank Tr. #1	Robert Stuckey Comm. #1	Warner #1	Sutherland-Gabel #1 Consid.	Markwell #1	Glosser #1	C.A. Chrysler Etal #1		Schagemann #1	Oma G. Winn #1	Howard Williams Comm. #1	Tom B. McHatton #1		Ingram #1
	OPERATOR	CRAWFORD COUNTY(contd.)	Bell Brothers	Billy R. Rector	Griffith & Spraggins Oll Prod. & Hiland Oll Producers, Inc.	CUMBERLAND COUNTY	Kalser Energy, Inc.	William R. Nuxoll	Monrae Oil & Gas, Ltd.	Parrish Oil Prod. Inc.	Parrish Oil Prod. Inc.	Pedco, Inc.	Marion Partlow Oil Prod. Inc.	DOUGLAS COUNTY	Starex Oil, Inc.	Exxon Corp.	Melvin Scheer	Exxon Corp.	EDGAR COUNTY	Earnest Zink

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
COCAD COUNTY(CONTA)					
Earnest Zink	Zink #3	660'N 330'W SEc	5001	8-6-85	G.L.764'
Watters Oll & Gas Co.	Guyon Trust #1	Sec. 12 12N 14W 330'N 330'E SWC SE SE	5201	6-20-85	G.L. 700°
Christa Oil Co.	Greathouse #1	Sec. 15 13N 13W 330'N 330TE SWC NW SW NE	14361	8-9-85	6.1. 7181
Melvin Scheer	Cottle Comm. #1	Sec. 11 JNN 13W 330'N 660'E SWC NW NW Sec. 27 15N 14W	211.	10-7-85	G.L. 662°
EDWARDS COUNTY					
Pendragon Oil & GAs Inc.	Marie Gaede #1	330'N 330'E SWC	3327	11-29-85	G.L. 4311
Viking Oil Co.	Miller Etal #I	350'N 330'E SWC NW SW	3967	6-29-85	G.L. 5101
George N. Mitchell Drlg. Co.Inc.	Benny Leigh #1	36C: 11 IN IOE 990 1N 3301E SWC SE SW	41001	9-26-85	G.L. 478'
Hite Operating, Inc.	Hubert Weber #1	Sec. 13 IN 10E 660 N 330 W SE NW SW	3350'	9-11-85	G.L. 409'
Robinson Engineering	Warren Tarpley #1	330'S 330'E NWC SE NW	3330*	6-9-6	G.L. 473"
Blue Chip Energy, Inc.	Calving King "A" Lse. #1	350'N 330'E SWC SE NW	39561	10-10-85	G.L. 457*
Hite Operating Co., Inc.	Michael Bunting #1	990'S 330'IN 10E	3250"	9-11-85	G.L. 438*
R.E.A., Inc.	Dale Knackmus #1	5667 330 W SE SW	3043'	1-21-85	G.L. 480†
Amosoil, Inc.	Keener #1	330'N 34N SE SE	37001	8-29-85	G.L. 424'
Big Basin Oil Co., Inc.	R. & K. Koeortge "B" Lse #1	330'N 330'W SEC SW NW	2900	9-23-85	G.L. 450'
Viking 011 Co.	Charles Maas #2-8	330'N 330'E SWC NW SW	5791	8-14-85	G.L. 4591
н 8 н 0il Co., Inc.	Cloyd Stremme #1	330'N 330'E SWC NE NW	31821	7-21-85	G.L. 459¹
D & K 0il Co., Inc.	Harold Wiseman #1	Sec. 2 IN 14W 330'N 330'E SWC NW SE Sec. 5 IN 14W	38101	8-15-85	G.L. 436'

DATE ELEVATION PLUGGED		10-25-85 G.L. 489'	10-10-85 G.L. 479'	6-16-85 G.L. 465'	8-2-85 G.L. 484'	8-8-85 G.L. 480'	7-18-85 G.L. 494'	1-12-35 G.L. 479'	5-13-85 6.1. 453	10-8-85 G.L. 470'	8-7-85 G.L. 470°	8-7-85 G.L. 473'	10-29-85 6.L. 478'	10-30-85 G.L. 483*	8-3-85 G.L. 444'	8-12-35 G.L. 441'	10-14-25 G.L. 424'	8-21-85 G.L. 443'	12-19-85 G.L. 448*	
ТОТАЦ		38261	3184	3110	2981	3215*	31881	3190	38251	38184	38101	128171	38501	5850*	3405	34001	34301	32351	\$150	
LOCATION		330'N 330'E SWC NW NE	350'N 350'E SWC NW SE	Sec. / IN 14W 330'N 330'E SWC NE NW Sec. 9 IN 14W	330'S 618'E NWC SW SW	Sec. 18 IN 14W 330'5 330'E NEC SW NW	350'S 350'E NWC NE NW	Sec. 19 IN 14W 660'N 330'E SWC SW SE NE	Sec. 20 IN 14W 330'S 330'W NEC SE SE	560'N 330'E SWC NE SW	350'N 350'W SEC SW NW	36. 56 ZN IUE 330'N 330'E SWC NW	530'N 330'E SWC SE NW	350'N 350'W SEC NW	330'S 990'W NEC SW NE	Sec. 15 15 10E 330's 330'E NWC SE NE	Sec. 16 1S 10E 330'N 330'W SEC NE NW	Sec. 23 1S 10E 330'S 330'E NWC	Sec. 25 IS IOE 330'S 990'W NEC	Sec. 25 15 10E
WELL NAME		Maas-Knackmus #1	Russell Koertge #3	D. Kanckmus #1	Knackmuhs #6	Kollak "B" Lse. #I	Robert Stevens #4	J. Fishel #1	MIIIer #1	Birk #3	Quillen #1	Quillen #W-2	Roscoe Wisner #1	Roscoe Wisner #2	Paul Orr #1	Marvin McKinzie #1	Howard Hocking Etal #1	Nila Bunting #2	E. Smith #1	
OPERATOR	EDWARDS COUNTY(contd.)	Schlagel Oll Partnership	Big Basin Oil Co., Inc.	Frank Yockey & Yockey Oll Inc.	McDowell Bros. 011 Co.	McDowell Bros. 011 Co.	W. H. Kinsell	Black Gold Oll Resources, Inc.	Sem Oil & Gas Co., Inc.	McKinney Oil Producer, Inc.	Steven A. Zanetis	Steven A. Zanetis	Southern III. Oil Producers, Inc.	Southern III. OII Producers, Inc.	Robinson Engineering	Rohinson Engineering	Blue Jay Oil, Inc.	Robinson Engineering	Serber Energy Corp.	

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
EDWARDS COUNTY(contd.)					
Robinson Engineering	Coraline Wissel #1	3301S 3301E NWc	33551	10-9-85	G.L. 452'
Hite Operating Co., inc.	Keisey Etal #1	330'S 330'W NEC NW SE NW	34251	10-5-85	G.L. 429'
RK Petroleum Corp.	Phillip Longbons #1	56c. 27 15 10e 530'N 330'E SWC SE	35001	8-23-85	G.L. 483
RK Petroleum Corp.	Donald Colyer #1	330'8 NEO	3470"	10-30-85	G.L. 464'
RK Petroleum Corp.	Summers #1	990'N 320'W SEC SW NW	34991	7-19-85	G.L. 476'
Twin Star Oil & Gas, Inc.	Bunting Heirs #1	330'S 330'W NEC SE NW	6501	4-13-85	G.L. 550°
Marks Exploration & Drig. Inc.	Lillian Green #1	330'N 330'E SWC NE	31651	1-31-85	G.L. 3961
D & K OII Co., Inc.	Dwight Nelson Etal Unit #1	Sec. 29 1S 14W 3301N 351N SEC	40001	12-30-85	6.L. 417°
D & K Oil Leasing	Edith Lambert #1	330'E SWC SE SE	3270'	3-6-85	G.L. 469'
McDowell Bros. 011 Co.	Butier Etal Unit #1	330'S 330'E NWC SW SW	2876*	9-16-85	G.L. 388†
Huge Oil, Inc.	Ellis Neal #1	330'N 330'W SEC SW	34001	5-22-85	G.L. 384'
San-Mar Oil Corp.	Raleigh McKibben #3	580: 16 25 10e 530's 530's Nwo Ne NW	34151	12-15-85	G.L. 390¹
Energy Drlg. Co.	Leon Dalton #1	365' N 30' W SEO NE SE	33811	1-29-85	G.L. 462†
Charles Higgins	Carson Everett #1	360: 32 23 10E	39001	8-8-85	G.L. 402*
Pioneer Oil Co., inc.	Dean Hallam #1	360: 32 23 10E 330'N 330'E SWC SE SW	42031	1-23-85	G.L. 415*
Sackett Enterprises, Inc.	Harold E. Perkins #2	365. 32 23 10E 3301S 3301E NWC SW SW	3347*	10-28-85	G. L. 446°
McDowell Bros. 011 Co.	Dean Wiseman #2	330'N 330'W SEC SW	31451	8-13-85	G.L. 499'
Paramount Oil & Gas Corp.	J. Hering #6-A	Sec. 7 25 14W 330N 990'W SE NE Sec. 7 25 14W	32001	6-20-85	G.L. 405*

ELEVATION		6.1. 399'	G.L. 405'	6.1. 398'	G.L. 430°	G.L. 473'	G.L. 433'	G.L. 456'	G.L. 4231	G.L. 451'	G.L. 464'	G.L. 385'	G.L. 381'	G.L. 465'	G.L. 535'	G.L. 424'	G.L. 417'	G.L. 420'	F.L. 449'	
DATE		5-29-85	10-25-85	12-10-85	9-19-85	9-17-85	8-16-85	7-26-85	9-3-85	6-18-85	8-26-85	5-5-85	6-7-95	4-29-85	2-3-85	7-2-85	4-8-85	8-21-85	8-1-85	
ТОТАТ		3140'	3084	3835'	3165'	3280'	3210'	3255*	3105	3905	33291	3315'	34331	3310'	39821	3290'	33001	3010	5001	
LOCATION		330'S 330'E NWC SE NE	3501S 3301ENWC SW SW	Sec. 9 25 14W 990'n 990'E SWC NE	Sec. 9 25 14W 330'N 330'E SWC NE NE 530'N 330'E SWC NE NE	350'S 330'E NWC SE	350'S 990'E NWC NW NE SE	330'N 330'E SWC S\$ NW	71. 36C. 19 23 14W 330'n 330'E SWC SE	350 530 14W 5.0 2 3 30 14W	350'5 350'E NWC SW NW	350'S 350'W NEC SW	5ec. 7 35 10c 660'n 990'E SWC SE	3301N 3301W SEC SW	330'N 330'W SEC NW NE	350*N 350*W SEC	330'' N SE NW	350*N 330*W SC NE SE	350'S 380'W NEC SE SE Sec. 15 3S 10E	
WELL NAME		Frank Flever #4	H. L. Bass #1	Wiseman #	John Ibbotson A-#1	Johnson Heirs #1	Fieber #1	Herman Wood #6	Albert Walker #1	Frank Fleber #1	Perkins #1	Carroll Talt #1	Gerald Perkins #1	Dorothy Carter #1	Larry & Edward Hill #1	Herrington-Tait ⊍nit #1	Melvin Hortin #1	Maxwell-Mossbarger #1	Maxwell-Mossbarger WS	
OPERATOR	EDWARDS COUNTY(contd.)	Hocking Oil Co., Inc.	Estate of John M. Zaneis	K 8 W 011 Co.	McDowell Bros. 011 Co.	McDowell Bros. 011 Co.	Fryburger Production Co.	Maybe Oil, Inc.	Ring 011 Co.	B B Energy Corp.	C. E. Brehm Drlg. & Producing	Trinity 011 Corp.	Moore Engineering & Prod.Co.inc	Little Egypt Petroleum, Inc.	John L. Aulvin	J & H 011 ℃.	Biq Basin Oll Co., Inc.	J & H 011 Co.	J & H 011 Co.	

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
V PHANDY SOUNTY					
ELWARDS COUNTY CONTROL					
ј & н 011 Со.	Maxwell-Mosbarger Comm. #2	330'S 330'W NEC SE Sec. 15 35 10F	3011	8-22-85	(6.L. 455°
Pioneer 011 Co.	Richard Baldwin #2	330'N 330'E SWC NE SW	33291	5-15-85	G.L. 380'
Modern Explorations	Toops #1	330'S 330'E WC SW SW	41001	8-28-85	G.L. 422'
Maybe Oil, Inc.	Ellis Shepherd #1	Sec. 17 35 14W 330'N 942'E SWC S½ Fr. NW Sec. 18 35 14W	40501	6-21-85	G.L. 439'
EFF INGHAM COUNTY					
Francis M. Pierce	K. Etchason #1	330 1 330 W SEC SW SW	23921	1-7-85	G.L. 533
Southern Drilling, Inc.	Bushue #1	Sec. 35 6N 5E 330's 330'W NEC NW NE	25851	1-23-85	6.1. 480
Southern Drilling, Inc.	Artie Warner #1	330'5 330'E NWC SE NE	2585'	2-4-85	G.L. 478"
Carl White	Charles E. Voelker #1	Sec. 17 bn be 330's 330'w Nec NW NW	22801	1-12-85	G.L. 624*
Carl White	Charles E. Voelker #1	350'S 350'W NEC NW NW	3774'	3-20-85	G.L. 624°
Glen D. Griffith	Donsbach #1	350'N 330'E SWC SE SE	2759"	8-22-85	G.L. 575°
Glen D. Grifflth	Louis Donsbach #1	330'N 7E 330'N 330'E SWC NE SE	2742'	8-22-85	6.1. 569'
Ogoco, Inc.	Walter Carlen #5	330'S 330'W NEC SW SE	1682*	8-26-85	G.L. 605'
W. L. Belden Trust	Miller-Tipsword #2	350'S 330'W NEC NW NW	3352*	2-21-85	G.L. 521'
Jordan Oil & Gas Co.	Laue #1	350'S 330'E NWC NE NW	19481	4-23-85	6.1. 619
J.R.G. 011 Co., Inc.	Koester #1	Sec. 22 9N 4E 330'S 330'W NEC SW SE	25001	10-18-85	D.F. 628'
Humbol+ Oil, Inc.	Zumbahlen #1	Sec. 25 9N 6E 330'N 330'W SEC NE Sec. 36 9N 6E	2500	10-2-85	G.L. 624'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
			utan	770007	
FAYETTE COUNTY					
Shulman Brothers, Inc.	Mabe! Durbin #!	990'S 330'W NEC NW SW	3208	4-25-85	6.1. 571'
Shulman Brothers, Inc.	Kistler #1	330'S 330'W NEC NE SW	3190*	4-22-85	6.1. 579'
River King Oil Co.	Anthony Keeven #1	Sec. 1 5N 2E 330'S 330'W NEC SE	36001	8-20-85	6.1. 557
Marvelous Oil, Inc.	Dothager #1	Sec. 19 5N 2E 330'N 330'W SEC NW SW	2740*	10-18-85	G.L. 4801
Jordan Oil & Gas Co.	Willims #1	Sec. 19 5N IW 330'5704"W NEC SW	21001	1-18-85	6.1. 520'
Triple S Oil Producers	Boulch #1	350'S 400'W NEC NW NE	3102"	6-26-85	6.L. 5211
Triple S Oil Producers	Boulch #2	Sec. 24 bn 26 990's 330'w NEC NW NE	31101	6-27-85	6.L. 518' <sub>N</sub>
Greater Midwest Oil Co., Inc.	Jeannine Beal #3	350'S 330'W NEC SW	2011	9-12-85	6.1. 6711 90
Jordan Oil & Gas Co.	Strullmyer #1	330'N 330'W SEC	2019	9-16-85	6.L. 600°
Marvelous Oil, Inc.	Elmore-Neathery Comm. #1	350'S 350'W NEC NE SW NW	27111	9-25-85	G.L. 493*
Midwest Energy	Doyle #1	Sec. 52 bn 1W	3305'	10-31-85	G.L. 640'
Specialty Drlg. Services, Inc.	Harmon Doyle #1	330'S 330'W NEC SE	17351	6-11-85	G.L. 4891
Bi-Petro, Inc.	Tina Durbin #1-8	330'N 330'E SWC NE SE	17201	11-26-85	G.L. 600'
Exxon Corp.	Lewis Hackert #7	330'S 330'W NEC NW SW	1550	11-22-85	G.L. 595'
Exxon Corp.	M. B. Heckert #8	350'N 350'W SEC SW NW	1537	11-21-85	G.L. 588'
Exxon Corp.	Earl Rhodes #4	330'N 330'E SWC NW NW	14291	11-20-85	G.L. 605'
J. D. Turner	Hogan Heirs #1	350'S 330'E NWC NW NE	1667	10-30-85	G.L. 5991
John Baines II	Bartlet Rhoades #1	Sec. 31 8N 5E 330'S 330'E NWC SW SW	16701	4-22-85	6.1. 6511
		Sec. 30 9N IE			

OPERATOR	WELL NAME	LOCATION	ТОТАГ	DATE	ELEVATION
FRANKLIN COUNTY					
Cabot Oli & Gas Corp.	F. G. Dame #1	330'S 330'W NEC Fr. NW	46501	12-6-85	G.L. 448°
L. L. Tuck	01d Ben #1-UC	330'N 330'E SWC NE	2593"	7-25-85	G.L. 426'
L.L. Tuck	Lewis-Neuf #1-B	Sec. 16 55 ZE 230'N 280'W SEC NE SE	28561	8-15-85	G.L.476!
H & W Oil Co., Inc.	Charles L. Eyman Etal #1	330'N 330'E SWC SE NE	37961	9-13-85	G.L. 484'
Farmers Crude Prod. Co.	Taylor Heirs #2	55C. 29 55 56 53015 5301W NEC SW	3752*	5-5-85	G.L.445°
Elcoex, Inc.	Beda Burke Heirs #1	Sec. 32 33 35 660'S 440'E NWC SE SW	4515'	1-24-85	G.L. 4491
Meridian Oil, inc.	LaSalle #1	Sec. 12 65 IE 330'S 330'W NEC SW	3800*	12-17-85	G.L. 377'
DeMier Oil Co.	U.S. Steel #1-R	Sec. 35 6S ZE 330'S 330'E NWC SW	40531	12-14-85	6.L. 437° c5
Rom-Oil Ltd.	LaSalle Trust #1	Sec. 24 65 5E 409'S 390'E NWC NE NE	2371	3-3-85	G.L. 392'
Farrar 011 Co., Inc.	U.S. Steel-Buntin #3	Sec. 33 6S 3E 330'S 330'W NEC	31501	9-12-85	G.L. 486'
Roy M. Darnell	Williams #2	Sec. 29 6S 4E 330'n 395'E SWC	3200"	1-14-85	6.L. 381°
Roy M. Darnell	Williams #1	350'N 330'W SEC NW NW	32001	1-14-85	G.L. 3831
Gerber Energy Corp.	C.W. 8F. #1E.	350'n 545'E SWC NW	2763"	9-3-85	G.L. 4051
Farrar Oil Co.	Wilburn #1	Sec. 6 /S 5E 580'N 276'E SWC NW	,0005	11-22-85	G.L. 415†
Farrar Oil Co.	W11son #1	Sec. 9 /S SE 330'N 330'W SEC	3125*	5-20-85	G.L. 415°
Budmark Oil Co., Inc.	Carney Trust #3	Sec. 6 /S 4E 990'S 330'W NEC	33601	9-28-85	G.L. 414'
Farrar 011 Co.	Leon Wilson #1	Sec. 7 75 4E 990'n 330'w SEC NW NE	2970'	9-2-85	G.L. 413*
Budmark Oil Co., Inc.	Bennett Trust #3	Sec. / /S 4E 330'S 330'W NEC NW SE Sec. 8 7S 4E	3144"	9-12-85	G.L. 447'

ELEVATION		G.L. 452'	G.L. 433°	G.L. 438'	G.L. 468'		G.L. 509'	6.L. 463' <sub>20</sub>	6.L. 458'	G.L. 615'	G.L. 520'	G.L. 579'	6.L. 668'		6.1. 366'	G.L. 405'	G.L. 386'	G.L. 404'	
DATE		9-9-9	5-3-85	6-11-85	10-7-85		5-13-85	8-21-85	4-18-85	8-21-85	5-13-85	5-13-85	4-10-85		9-27-85	12-4-85	6-23-85	7-18-85	
TOTAL DEPTH		31901	41004	3165	30551		7201	716,	350	740*	1089	705*	1209		3450*	3127	3120'	29451	
LOCATION		990'N 330'E SWC NE	330'5 330'E NWC	350'' 350'' SEC NW	Sec. 8 /3 4E 330'S 330'W NEC NW Sec. 8 7S 4E		330'S 330'E NWC NE NE	330'S 530'W NEC NW NE SE	330'S 330'W NEC NW	330'S 330'E NWC SW	330' N 330'E SWC NW NE	330'N 330'E SWC NE SE	350'N 330'E SWC NW Sec. 35 7N 3E		330'S 330'E NWC NE NE	350'S 330'E NWC SE NW	330'S 330'W NEC NW NW	Sec. 20 /5 9E 330'N SEC NW NE 500 24 75 0F	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
WELL NAME		Davis #4	Midyett #1	Midyett #3	Midyett #5		Milton Brooks #3	Parkinson #1	McCormick #1	Meadowlark Farms #1	Milton Brooks #1	Milton Brooks #2	Fidler #1		Healy #1	Brockett #2	West-Vaught #1	Bayley #4	
OPERATOR	FRANKLIN COUNTY(contd.)	Benton Oil Prod. Inc.	Budmark 011 Co., Inc.	Budmark 011 Co., Inc.	Budmark Oil Co., Inc.	FULTON COUNTY	St. Clair Industries	Charlestown Corp.	Blade Exploration	Western Illinois Petroleum	St. Clair Industries	St. Clair Industries	Douglas Energy Co.	GALLATIN COUNTY	Pendragon Oil & Gas Inc.	Rave Energy Corp.	Robinson Engineering	Joe A. Dull	

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
GALLATIN COUNTY(contd.)					
Joe A. Dull	Herald E. Unit Tr.1 #2-W	330'S 330'W NEC NW NE	31311	7-19-85	G.L. 414*
Joe A. Dull	Herald E. Unit Tr. 1 #7-W	990'N 330'E SWC NE	3081	7-16-85	G.L. 389†
Joe A. Dull	Herald E. Unit Tr. 2 #1	330'N 330'E SWC NE	29451	7-8-85	G.L. 414"
Joe A. Duil	Herald E. Unit Tr. 2 #3	59C. 24 75 9E 330'N 350'W SEC NE NE	3035	7-9-85	G.L. 402*
Joe A. Dull	Herald E. Unit Tr. 2 #4-W	Sec. 24 75 9E 3301'S 330'W NEC SE NE	3026	7-11-85	G.L. 400"
Joe A. Dull	Herald E. Unit Tr. 2 #7-S	330'E SWC SE NE	2957*	7-12-85	G.L. 400'
Brehm Investment Group, Inc.	G. & E. Downen #1	330'1 SAO'E SWC SE SW	2420'	12-12-85	6.L. 419*
Robinson Engineering	Marshall Wiseheart #4	350'S 350'E NWC SW NE	26301	8-19-85	G.L. 482 t 602
Downen Prod. Co.	Kathy Edwards #1	56C. 27 75 9E 530'1 530'E SWC NW NE	2370	10-6-85	G.L. 387'
Paul G. Wade	Martin Duffy #1	350'N 740'W SEC NE NW	1997	4-30-85	G.L. 349'
Tebco, Inc.	Barnet† #1	350'S 350'W NEC NW SE	2975'	12-22-85	G.L. 355†
Terry White	Robert Walters #1	330'S 660'E NWC NE NW	36001	7-11-85	G.L. 363°
Heflin Oil Co.	J. H. Brockschmidt #1	56C: 51 /5 10E 530's 530'E NWC SW SW	36501	10-10-85	G.L. 380'
R. A. Hoover	Glen McCabe #1	59C5 1 85 9E 53O15 53O1E NWC NE NW	5251	4-11-85	G.L. 365'
R. A. Hoover	Wiggins #1	56C. 16 85 8E 330'S 345'E NWC NE NE	680	6-6-85	G.L. 377*
Victor R. Gallagher	Maloney #1	580: 18 85 8E 530'S 530'E NWC NE SE	29501	9-28-85	G.L. 343'
Bi-Petro, Inc.	Curry #16	580'N 340'W SEC SE NW	3903	8-31-85	6.1. 338
Darry R. Cain	Wilma Louden #2	Sec. 13 83 TUE 330'S 380'W NEC SW Sec. 22 8S TOE	24801	9-26-85	G.L. 350°

ELEVATION		G.L. 351'	G.L. 357*	G.L. 346'	G.L. 347	G.L. 342°	6.1. 363'	G.L. 347*	G.L. 352' 5		G.L. 468'	G.L. 468'	G.L. 525'	6.L.		G.L. 544'	G.L. 375'	G.L. 386'	
DATE		7-18-85	5-20-85	7-17-85	7-18-85	5-20-85	4-12-85	11-12-85	2-26-85		5-8-85	5-8-85	5-8-85	1-24-85		4-25-85	10-12-85	5-1-85	
TOTAL		2040*	2062	2116	16221	1550	2739	2850'	36101		32'	455 *	4601	8361		37111	34151	3450'	
LOCATION		330'N 990'E SWC NW NW	Sec. 25 95 8E 33015 9901E NWC SW NW	Sec. 25 95 8E 530*N 330*E SWC NE NW	350°5 350°E NWC NE NW	330'S 330'E NWC SE NW	350'S 330'E NWC SW NE	350°S 330°W NEC NW NE	330'S 330'E NWC Sec. 15 9S 10E		330'S 330'E NWC NW SW NE	330'S 380'E NE SW NE	330'S 447"W NEC NE NE SE	Sec. 22 I2N I3W Sec. 22 I2N I3W		330'N 330'E SWC NE NW	1980'N 330'E SWC	Sec. 13 45 OE 330'N 330'W SEC NW SE Sec. 13 45 6E	
WELL NAME		Rollman #1	Rollman #A-1	Burz Gode Rollman #3	Rollman #4	Rollman #A-4	Clifford Richeson #1	Arklimo Land Trust #1	Milligan #1		Paul Steinacher #1	Paul Steinacher #2	Biermann #1	Paul Pratt #1		David Williams #2	Leach-Bona #1	Carter D. Weaver #1	
OPERATOR	GALLATIN COUNTY(Contd.)	Bi-Ecko Oil Co.	Bi-Ecko 011 Co.	Bi-Ecko 011 Co.	Bi-Ecko 011 Co.	Bi-Ecko 011 Co.	Cyton Corp.	william E. Lampley	Ronald E. Jones	GREENE COUNTY	R. J. Moomaw	R. J. Moomaw	Bond Oil Production	First State Development Corp.	HEWILTON COUNTY	heflin 011 Co.	Bushy Energy Co.	Gentles Orilling Co.	

OPERATOR	WELL NAME	, LOCATION	TOTAL	DATE	ELEVATION
V PARTITION OF THE PROPERTY OF					
HAMILLION COON I COOLING					
Prospect Oil Development Corp.	Gray Estate #1	990'S 990'E NWC	34661	11-11-85	G.L. 375°
Midwest Oll Producers	Anderson #1	330'N 330'E SWC SW SW SE	3476'	10-15-85	G.L. 378*
Brown Enterprises	Brown-Becker #3	330° C SWC NW SE	34001	10-21-85	G.L. 385†
Van Fossan Oil Associates	Venable #1	330'N 350'W SEC NE SW	34501	8-14-85	G.L. 381
Pawnee Oil Corp.	Epperson #1	360'S 330'E NWC NE	43001	12-28-85	G.L. 387*
Steven A. Zanetis	Wilfred Smith #1	330*N 350*W SEC SW SW	35181	8-30-85	G.L. 3981
J. D. Turner	George Sullivan Etal #3	360, 20 45 /E 330's 330'w NEC	33441	8-7-85	G.L. 449'
J. D. Turner	Miller Etal Comm. #3	330'N 330'W SEC NW NW	33761	5-3-85	G.L. 480°
J. D. Turner	Lena Peters Etai #1	36°, 22 45 76 330°N 990°W SEC NE SE	33231	11-5-85	G.L. 416°
J. D. Turner	Laughmiller Etal #1	330'n 330'E SWC SE NE	33901	7-11-85	G.L. 429¹
Donahue Oil Co., Inc.	Ingram-Woodrow Unit #1	30 % NEC	36001	11-27-85	G.L. 500†
Jordan Oil & Gas Co.	Willis #1	50°, 55 45 75 570 to 35° 45° 50° NE	3420'	6-27-85	G.L. 494'
Heflin Oil ∞.	Donald Morris Etal #1	361.5 350'E NWC SW NW	33001	7-16-85	G.L. 397'
Jordan Oil & Gas Co.	Simmons Uni+ #1	350'n 450'w SEC	34501	4-24-85	G.L. 438¹
Robinson Engineering	Byford Gibbs #1	330'N 330 JS OE SWC NW SW	3280'	11-8-85	G.L. 4811
Richard W. Beeson	Olive Sneed #1	390's 30'E SWC NE	35751	2-2-85	G.L. 476'
Busby Energy Co.	R. Treece #1	330'S 30'S NVC SE SW	3527	10-8-85	G.L. 515'
Busby Energy Co.	R. Treece #2	330'N 330'E SWC SE SW Sec. 9 55 7E	3587	10-4-85	G.L. 489°

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
HAMILTON COUNTY(contd.)					
Ram Oil Co.	Mitchell-Hagood Etal #1	330'S 330'W NEC NW SE	3607	2-2-85	G.L. 4891
J. D. Turner	Williams Com. #1	Sec. 15 55 7E 330'N 330'W SEC NE	34111	11-11-85	6.1.5111
C. E. Brehm Drlg. & Producing	Gammon #1	Sec. 16 53 7E 330'N 330'E SWC NE SW	3276'	9-5-85	G.L. 522'
C. E. Brehm Drlg. & Producing	Ho111s #1	350'N 330'E SWC NW	3265'	9-17-85	G.L. 533°
Mike Michels	Irvin #3	350'S 330'W NEC SW SW	2871'	7-22-85	G.L. 492'
Texaco, Inc.	M. Davis #16 Tr. 13	56C. 18 65 5E 45'S 98'W NEC SE NW	3015'	9-4-85	G.L. 379'
J. W. Rudy Co.	Frazier Cons. #1	350'S 330'W NEC SE SW	43501	6-6-85	G.L. 497'
Shakespeare 011 Co., Inc.	Irvin-Wheeler #1	Sec. 10 65 7E 300'S 330'W NEC NW SE	32501	8-19-85	G.L. 379° 515
Shakespeare Oll Co., Inc.	Stella Harper #1	Sec. 19 65 7E 330'n 330'w SEc SW NW	43101	6-12-85	G.L. 422'
Westfield Oil, Inc.	Webber Heirs #2	Sec. 25 6S 7E 420'S 530'W NEC SW SW	3343'	6-6-6	G.L. 442'
L.M.C. Resources, Inc.	Knight #1	Sec. 3 75 5E 330'S 330'E NWc SW	34431	7-19-85	G.L. 590'
Farrar Oll Co., Inc.	Mace #1	330'S 330'E NWC SE NW	3315'	10-18-85	6.1. 539
Vise Brothers	Eason #1	Sec. 9 75 5E 660'N 350'W SEC SW NW	34651	7-29-85	G.L. 459'
J. D. Turner	John A. Howard Etal #1	Sec. 18 /3 2E 990/in 330/in SE NW SE Sec. 4 75 6E	3202'	7-29-85	G.L. 448'
HANDOCK COUNTY	_		*		
Charlestown Corporation	Paterson #1	330'N 330'W SEC SW	715'	3-23-85	G.L. 601'
	I # Odboe H	Sec. 18 3N 7W 2310'N 332'W SEC NW	,689	3-22-85	6.1. 520*
Two Rivers Petroleum	Portlock, Miller & Miller	Sec. 26 4N 5W 330'N 330'E SWC SE NW	530'	3-20-85	6.1. 608
	#2	Sec. 33 54 5W			

OPERATOR	WELL NAME	LOCATION	ТОТАL ОЕРТН	DATE	ELEVATION
VINION VOINT					
HANCOCK COONIT (CONTO.)					
Two Rivers Petroleum Co., Inc.	Portlock, Miller & Miller Farm #6	330'S 330'W NEC SW NE Sec. 33 5N 5W	716'	2-13-85	6.L., 609°
JACKSON COUNTY					
Martin Giordano, Jr.	Roberts #1	405'N 330'W SEC SW NW	930'	10-8-85	G.L. 524'
Marr Energy	McLaughlin #1	330'N 330'E SWC NW SE Sec. 8 8S 2W	35001	10-10-85	G.L. 397"
JASPER COUNTY					
BHP Petroleum Inc.	O. Galloway #1	330*N 330*W SEC NW	3090	8-10-85	6.L. 522¹ N
Christa Oil Co.	H. D. Rauch #1	3301S 3301W NC NW SE	30801	5-26-85	6.L. 487
Gulf Coast Explorations, inc.	J. Jourdan #2	330'N 330'E SWC NE SW	3630'	7-25-85	G.L. 554'
0.D. & E. Corp.	Omer Gillespie Comm. #1	330'N 330'E SWC NW Sec. 5 5N 9E	4931*	11-23-85	6.1. 535
0.D. & E. Corp.	C. Slack #1	565'S 330'W NEC SE	3085†	12-11-85	6.L. 523¹
Parrish Oil Production, Inc.	Wayne Stark Consid. #1	350'S 30'YE 350'S 30'YE 550'S 5N'DE	31651	11-13-85	6.1. 5361
Bunn & Bunn Oil Co., Inc.	E. Birk #1	350'S 350'W NEC SE SW	3750'	1-4-85	6.L. 522'
J. W. Rudy Co.	Milliman #8-1	330'S GOOLE NWC SW	2880	9-27-85	G.L. 489'
Estate Of John M. Zanetis	G. Keller #9-A	Sec. 1 JN 10E 660'N SEC SE NE	46501	8-5-85	G.L. 506°
Union Oil Co. of California	R. E. Hall #1	Sec. o 3N 10E 660'N 90'E SWC NE	2880'	6-26-85	G.L. 512°
Union Oil Co. of California	R. E. Hali #2	Sec. / JN 10c 660 N Sec NE	2855'	6-21-85	G.L. 509'
Union Oil Co. of California	R. E. Hall #3	Sec. 7 5N 10E 660'S 330'E NWC SW NE Sec. 7 5N 10W	3400'	7-10-85	6.1. 5111

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
JASPER COUNTY(contd.)					
Union Oll Co. of California	Mildred Keavin #2	660'S 660'W NEC	2880	7-2-85	D.F. 512'
Union Oil Co. of California	Keavin Cons. #1	Sec. 7 5N 10E 670'S 686'E NWC NE	2882	7-8-85	D.F. 515'
Union 011 Co. of California	James Benefiel #1	Sec. 7 5N 10E 331'S 661'W SEC SE NE	2825*	6-19-85	G.L. 498'
Union 011 Co. of California	J. W. Fehrenbacher #2	Sec. 8 5N 10E 669'N 320'E SWC	2835†	6-13-85	D.F. 500'
Union 011 Co. of California	Ralph Shinn #8	350'S 330'E NWC NE	33114	7-11-85	D.F. 504'
Union Oil Co. of California	Raiph Shinn #9	350'S 50'S NO NE NE NE NE	3310'	8-22-85	G.L. 507'
Union 011 Co. of California	James Benefiel #2	Sec. 8 on 10e 991'S GNWC	28151	6-17-85	D.F. 486'
Black & Black Oil Co.	Urfer #1	350'S 90' 10E	35621	7-29-85	6.L. 488° 15
Schei-Co Energy, Inc.	P. Grove #2	330'S 30'S 10E	3032"	10-2-85	G.L. 471'
Union Oil Co. of California	Mattie Aldridge #1	58C: 10 5N 10E 680'S 330'W NEC NW	28501	8-23-85	G.L. 500°
Union Oil Co. of California	Mattie Aldridge #4	Sec. 13 3N 10E 671'N 330'E SWC NE NW	2820'	8-27-85	G.L. 495°
Union Oil Co. of California	1. W. Dickerson #A-2	670'N 994'E SWC NW	2821	8-28-85	G.L. 499'
Trinity 011 Corp.	Arthur Helmen #1	350'S 350'E NWC SW SE	2381	3-15-85	G.L. 484'
Trinity 011 Corp.	Arthur Helmen #1-A	370'S 330'E NVC SW SE	30501	3-20-85	G.L. 484'
Pronto Petroleums, Inc.	Robert Stiff #!	350'S 330'E NWC SW SE	29481	7-21-85	G.L. 477'
Southern Drilling, Inc.	Smith #1	350'S 330'E NWC NE NE SE	1647	6-1-85	G.L. 540*
John Baines II	Tate-Bundy Comm. #1	350'N 350'W SEC SW NW	3170*	12-30-85	G.L. 553'
John Baines 11	C. McCrillis #1	Sec. 21 on 9E 990'N 330'E Swc SE SW Sec. 27 6N 9F	31661	12-30-85	6.L. 553°

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
JASPER COUNTY(contd.)					
Nelms Bros. Oll Properties, Inc.	Dewitt Brown #1	330'N 330'E SWC SE SW	31991	11-5-85	G.L. 540¹
Hannaman Bros. Prod.	K. Hahn Est. #1	350's 350'N NEC SE	33001	12-17-85	G.L. 476'
Schel-Co Energy, Inc.	E. Hahn #1	330'N 331'N NEC NW SE	27651	9-20-85	G.L. 494'
Gulf Coast Explorations, Inc.	S. Duckwitz #1-A	330'N 660'W SEC NE	33021	5-8-85	G.L. 499¹
Gulf Coast Explorations, Inc.	N. Sheridan #4	330'S 330'E NWC SW SW	32961	5-7-85	G.L. 501'
III. Basin Exploration, Inc.	Ochs #1	990'N SEC SW	32911	2-3-85	G.L. 506'
Parrish Oil Prod. Inc.	Gerald Hemrich #1	Sec. 20 on 10e 330's66's Nwc Se NE	29151	5-10-85	6.L. 514'
Union Oll Co. of California	E. Hemrich #1	5669'S ON 10E	2875"	4-30-85	G.L. 512' 5
Union Oil Co. of California	J. Frohning #3	56C. 32 ON 10E 330'N 60'E SWC NW	28351	8-30-85	6.L. 517"
Robert B. Britton	Postlewait #1	430'N 330'E SWC NW NW	2780*	9-23-85	G.L. 490'
Robert B. Britton	Postlewait #2	350'S 350'E NWC	2700'	9-24-85	G.L. 487'
Robert B. Britton	Richardson #1	330'N 330'W SEC NE SE	26951	9-26-85	G.L. 489'
Parrish Oll Prod. Inc.	Beard #3	330'S 90'N NEC SE SE	28201	7-22-85	G.L. 5611
Joseph G. Bigard	Harry Brooks #1	330'S 330'E NWC NE NW	28501	2-11-85	G.L. 941'
Bemor Petroleum Co., Inc.	H. Romack #1	330'S 330'W NEC NW SE	31241	1-18-85	G.L. 558'
Smith Operating Co., Inc.	Dean Watkins #1	350'S 350'E NWCSW	30151	8-13-85	G.L. 552'
St. Pierre Oil Co.	Eaton #3-A	Sec. 15 /N 9E 660'S 350'E NWC SE	2990*	9-29-85	G.L. 524'
Marion Partlow Oll Prod. Inc.	David H. & Gail James #1	Sec. 27 /N 9t 330's 330'E NWc SE NW Sec. 7 7N 10E	2758	7-1-85	G.L. 550'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
			DEFIN	77000	
JASPER COUNTY (CONTO.)					
Delmar Kloss	W. J. & Iva Jones #2-A	430'S 330'E NWC SW	28091	9-19-80	G.L550'
Marion Partlow Oil Producer Inc.	Karen Cash #1	330'S 330'S NO SE NE	28001	10-29-85	G.L. 538*
Black & Black Oil Co.	R. Van Dyke #1	330'S 9 /N 10E 330'S 90'W NEC SE NE	24091	1-3-85	6.1. 529
Parrish Oil Production, Inc.	Joe Hippler #B-1	5661'S 324'N' SE	2776'	3-6-85	6.1.
Blackland Oli Co.	Neal Kerner #3	330'N 420'N SEC NE NE	30691	6-18-85	G.L. 522'
Blackland 011 Co.	Neil Kerner #5	330'N 350'N NE 330'N 350'N SEC NW NE	28081	6-18-85	G.L. 529'
Black & Black Oil Co.	Farley #1	350'S 20 /N 10E 330'S 30'I NW SW NE	2500'	9-16-85	6.1. 525' 2
Hannaman Bros. Production, Inc.	Patricia Johnson #1	330'S 330'N 11E 330'S 330'N 11E 500'S 37'N 17M	2020	6-8-85	6.1. 523' 9
Rom-Oil, Ltd.	Marvin Manges #1-A	330'S AN IN NE NE	1985	5-12-85	G.L. 526'
Robert L. Runyon	James Sears #2	330' 530' F NC SE SW	22901	6-10-85	G.L. 497*
Triple S 011 Producers, Inc.	Eaton Acres #2-A	330'S 330' NEC NW SW	25001	7-3-85	G.L. 512'
Jasper Oil Producers, Inc.	Earl Yockey #2	330'N 350'N SEC SW	24281	1-13-85	G.L. 508'
Griffith & Spraggins Oil Prod.	Fern Biggs #1	330'S 330'W NEC NW NW	2502	5-12-85	G.L. 513'
Morgan Barker	Barker #1	990'S 330'W NEC NW SW	4026	7-23-85	G.L. 502
H & E 011 ∞.	P. Eubanks #1	330'N 330'E SWC NW	2440"	7-24-85	G.L. 502'
East Fork Oil Properties	E. White #1	350'N 350'E SWC NW NW	2322	7-23-85	G.L. 496'
William C. Padgett	shmae  Leffler #	350'N 350'E SWC SE SW	2290'	9-27-85	G.L. 485'
Schei-Co Energy, Inc.	D. & J. Neidigh #1	36C. 22 /N (4W) 35-1N 350*E SWC NW SE	2023*	10-9-85	G.L. 474'
		Sec. 22 7N 14W			

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
			Der in	LLOGGED	
JASPER COUNTY(contd.)					
Crete Oil Investments, Inc.	Rose Ann Frichtl #1	330'N 330'E SWC SE NW	2825'	5-29-85	G.L. 563*
Crete Oil Investments, Inc.	Rose Ann Frichtl #2	Sec. 23 ON 9E 990'S 350'E NWC NE NW	2790'	5-28-85	G.L. 564'
Carl M. Hubbartt	G. Holsapple #2	36C. 23 8N 9E 330's NBC	2750'	7-8-85	G.L. 497
Triple S 011 Producers, Inc.	Golden Holsapple #1	350'1 SW SE SW SW	2746"	7-3-85	6.L. 553'
U.S. Oil Resources, Inc.	Dillman #1	350'N 350'E SWC NW NW	*88	2-16-85	G.L. 560°
B & T 011 Producers	Snearly #1	5ec. 29 on lue 990's DWC SW	2723'	2-1-85	G.L. 546'
Griffith & Spraggins Oil Prod.	Wilson #1	330'S NEC SW NE	2160*	9-18-85	G.L. 552†
Christa Oil Co.	Mary Trotter Etal #1	330'S 330'W NEC NW SE	22201	2-23-85	G.L. 541° 1
James A. Spraggins	Erna Martin #1	330'S 330'E NWC NE SE	15551	1-13-85	G.L. 550°
Griffith & Spraggins Oil Prod.	Martin-McCrory Comm. #1	350'N 330'E SWC NW	1501	6-30-85	G.L. 550'
& Hiland Oil Prod. Inc. Monrae Oil & Gas, Ltd.	Leonard McCrory #1	350'S 330'E NWC SW SW	16831	5-31-85	G.L. 549*
M & E Drilling Co.	Paul & Mary Weir #1	330'N SEC SE SW NW	1871	12-23-85	G.L. 554'
Hi-Land Oil Producers, Inc.	J. Ault #4	580'S 330'E NWC SW NE	18001	9-17-85	G.L. 549¹
Hi-Land Oil Producers, Inc.	W. Fischer #3	350'N 330'E SWC NE SE	18251	4-18-85	G.L. 540°
Delmar O. Kloss	W. R. Huddleston #2	530'N 530'E SWC SE NE	18021	8-17-85	G.L. 543*
John Prior	Hunsaker #3	530'N 530'E SWC NENE	10621	11-18-85	G.L. 548'
Virgil Lane	F. Snearley #1	330'N 350'W SE NW SW	1670	6-14-85	G.L. 557°
Knierim Co., Inc.	Elden Huddleston & Billy Spencer Comm. #1	Sec. 20 BN 14W 330'S 380'E NWC SW NW SW Sec. 29 8N 14W	18551	12-28-85	6.1. 509

OPERATOR	WELL NAME	LOCATION	ТОТАГ	DATE	ELEVATION
JASPER COUNTY(contd.)					
Jasper Oil Producers, Inc.	Bryan #2	330'N 330'W SEC NE SW	19101	6-2-85	6.1. 535
Christa Oil Co.	Freda Short #1	56C: 30 8N 14W 330'N 330'W SEC SW SW 5.0. 30 8N 1 AW	2000,	3-5-85	G.L. 540'
Parrish Oil Production, Inc.	Freda Short #1	330'S 330'N NEC SE NW	,6161	10-30-85	G.L. 534'
Knierim Co., Inc.	Huddleston #2	350'N 350'N 50'N NE NE	10061	6-8-85	G.L. 530'
Jasper Oil Producers, Inc.	Johnson #1	350'N 350'N 35C NE SW	19801	9-10-85	G.L. 536°
Jasper Oil Producers, Inc.	Johnson #2	Sec. 51 on 14w 990'N 350'W SEC NE SW	,0661	5-20-85	6.1. 538
Knierim Co., Inc.	Medford Wilson #2	530'N 530'E SWC SW NW NE	2000,	7-22-85	6.1. 532'
Elmore Oil, Inc.	Lloyd & Freda Huddleston #1	330'N 330'E SWC NW	2051	4-29-85	6.1. 525' 🕱
Black & Black Oil Co.	R. Leffler #1-A-RB	350'N 330'W SEC SW NE	21001	5-6-85	G.L. 528'
William R. Nuxoll	Ray Leffler #2	350'N330'E SWC SE NE	1800	6-24-85	G.L. 528°
William R. Nuxoll	Russell McCoy #1	330'S 330'N NEC SE	18461	9-14-85	G.L. 526'
Elmore Oil, Inc.	R. McCoy #2	990'N 330'E SWC SE SE	1880	1-23-85	G.L. 524'
Knierim Co., Inc.	Medenwald-Wilson Comm.#1	350'N 330'E SWC SE NE SW	1933	7-25-85	G.L. 528'
William R. Nuxoli	Wardie Smith #2	Sec. 32 on 14w 330'S 330'E NE SW Sec. 33 8N 14w	17751	10-5-85	6.1. 500'
JEFFERSON COUNTY					
Nelms Bros. 011 Properties, Inc.	Douthit-Gregory Comm. #1	660¹N 330¹W SEC SW	2630'	10-17-85	G.L. 491
Little Egypt Petroleum, Inc.	Tinsley #1	56C. 21 15 ZE 5301S 3301W NE NW NE	26611	8-3-85	G.L. 496'
Continental Production, Inc.	Schaubent #1	30'S 330'E NWC NE SW Sec. 25 IS 2E	2950	9-10-85	G.L. 509'

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
JEFFERSON COUNTY(contd.)					
Keith I. Wyatt	Gephart #1	330'S 330'W NEC SE NW	2734'	12-13-85	G.L. 471
Marshall Lippert	Hickey-Pierce #1	330'N 330'E SWC NE SW	31501	8-14-85	G.L. 509*
David F. Herley	Rector #1	810'N 330'W SEC SW	32601	6-20-85	G.L.
Fred HeII	Marlow #1	530'N 350'E SWC SE	3250*	5-30-85	G.L. 549'
Nelms Bros, Oil Properties Inc.	Beal #1	350'S 330'W NEC NW SW	3020*	8-8-85	G.L. 5491
Van Fossan Oil Associates	Thelma Donoho #1	56C, 50 IS 5E 530'\660'E SWC	34951	1-30-85	G.L. 515'
Merritt R. Hoyt	Scoles-Fally #1	530'N 560'W SEC NW	3542	4-2-85	G.L. 505 t
Gary-Williams Oli Producer, inc.	Burrell Sledge #1	Sec. 15 15 4E 3301's 3301'w NEC SE	34101	1-22-85	G.L. 5341 6
Gary-Williams Oil Producer, Inc.	Walter Myer #1	350'S 330'W NEC NW NW	33531	6-25-85	G.L. 506'
Shamrock Drlg. Corp.	Oslager Heirs #1	330'' SE SW SW SC 330'' SE SW SW	2640"	5-8-85	G.L. 4631
Associated Minerals, Inc.	Dare #1	350*N 495*E SWC NW	24601	5-15-85	G.L.
Shamrock Drilling Corp.	Kehrer #1	56C. 30 23 IE 330'N 460'E SWC NE SW	2244*	1-3-85	G.L. 478†
Shamrock Drilling Corp.	Someiske #2	Sec. 19 25 ZE 3301N 4951E SWC SE SW	18631	11-25-85	G.L. 4931
Dwight Brehm Resources	Wiggins Comm. #1	Sec. 19 25 ZE 330'N SEC NE NE	37841	6-9-85	G.L. 471
Van Fossan Oll Associates	Drew Etal Unit #1	Sec. 2 28 4E 330's 330'E SWC NE SW	30001	11-1-85	G.L. 4341
Haddad & Brooks, Inc.	Garrod #1	50C. 11 25 4E 990's 530'w Nec SW SE	31161	11-27-85	G.L. 462°
Dwight Brehm Resources	Huff #1	330'N 330'W SEC SW NE	31431	6-1-85	G.L. 490'
John T. Mitchell	Huff #1	56C, 24 25 4E 53ON 33ONE SWO SW NE 56C, 24 25 4F	31061	6-22-85	G.L. 490'
			-		

ELEVATION		G.L. 510'	6.1. 503'	G.L. 513'	G.L. 439¹	G.L. 4331	G.L. 478'	6.L. 435' N	6.L. 539' &	G.L. 489'	6.1. 479'	6.1. 511'	6.1. 507'	G.L. 461'	6.L. 499'	G.L. 382'	G.L. 497'	G.L. 494'	G.L. 440'	
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DATE		6-24-85	12-13-85	6-3-85	5-26-85	9-25-85	2-14-85	1-16-85	1-23-85	5-22-85	8-7-85	7-31-85	6-3-85	5-19-85	11-26-85	2-2-85	2-16-85	1-11-85	12-17-85	
TOTAL DEPTH		3119*	3178	35061	3300'	3150	2894'	29451	32131	3090	3630'	31601	31701	31851	3771	5004	3330*	33051	2880	
LOCATION		330*N 330*E SWC NW NE	Sec. 24 25 4E 3301N 3301W SEC NW SE	330'W SEC NW SE SE	330's 330'E NWC NE	350'N 350'E SWC NENE	390'' 350 W SEC NENE	330'S 330'E NWC SW SW	350'S 350'E NWC SE	990'' 330'E SWC NE	590'S 370'E NWC SE SW	990'N 660'E SWC NE NW	Sec. 14 55 5E 5301S 3301E NWC NE SW	59C; 4 55 4E 53O'N 35O'W SEC NW SE	350'N 330'W SEC NE SE	990'N SEC NE SE	330'S 990'W NEC SE NW	330'N 330'W SEC NE SW	Sec. 52 55 4E 990'N 330'W SEc	Sec. 10 4S 2E
WELL NAME		Pepple #1	Walter Scott #1	James T. Moore #1	W. Panzier #1	John Danner #1	Bartolomucci #1	John Earls #1	Burris Etal #1	Stewart Bean #1	Stewart Bean #1	Kent #9	Slemaker #2	Virtus Richardson #1	Henry Leeck #2	Hampton #A-1	Edminson #1	Oathout #1	Jefferson Oil & Gas #11-B	
OPERATOR	JEFFERSON COUNTY(contd.)	John T. Mitchell	Haddad & Brooks, Inc.	Downen Production Co.	So. Illinois Oli investment, inc.	William E. Lampley	Gentles DrIlling ℃.	Montedoro 011 Co.	Becker 0il Co.	Stew-Bett, Inc.	Meridian Oil & Gas, Inc.	Gunner Energy Orp.	Farrar 0il ∞., Inc.	Dwight Brehm Resources	Gunner Energy Corp.	Dwight Brehm Resources	Rangeland Resources	Rangeland Resources	Wedco Resources Corp.	

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE PLUGGED	ELEVATION
JEFFERSON COUNTY(contd.)					
Shamrock Drilling Corp.	Andre #1	330'S 330'E NWC NE	31001	10-7-85	G.L. 4811
Prospect Qil Development Corp.	K, Jones #1	990'S 350'E NWC NE SE	32501	3-31-85	G.L. 476°
Greater Midwest Oil Co. Inc.	Marshall #1	330'N 335'W SEC SE NE SE	40001	10-31-85	G.L. 454'
Greater Midwest Oil Co. Inc.	Fowler #2	350'S 350'E NWC SW SW	40001	10-28-85	G.L. 450'
Greater Midwest Oll Co. Inc.	Hayes #1	330'S 330'W NEC NW SW	4000	2-21-85	G.L. 458°
C. E. Brehm Drilling & Producing	Horton Comm. #1	350*N 90*E SWC	40801	6-13-85	G.L. 444*
Dwight Brehm Resources	Bowers #1	3301N3301E SWC NW NE Sec. 26 4S 4E	3393*	8-19-85	G.L. 444'
KNOX COUNTY					1
Kirk Explorations	Fay #	330'N 660'E SWC SE SW Sec. 24 I2N 2E	745'	3-22-85	G.L. 787'
LAWRENCE COUNTY					
Joe Simpkins Oll Developments	(Mary) A. Akin #1	330'N 330'E SWC SE NW	1632	1-30-85	G.L. 412'
Joe Simpkins Oil Developments	(Mary) Arthur Akin #1	330°N 330°W SEC SW NW	1630*	1-24-85	G.L. 412'
Joe Simpkins Oil Developments	(Mary) Arthur Akin #1	380'N 380'E SWC	1885*	2-7-85	G.L. 450'
Joe Simpkins Oil Developments	(Mary) A. Akin #2	990'N 330'E SWC SE NW	15961	2-1-85	G.L. 414'
Joe Simpkins Oil Developments	(Mary) Arthur Akin #2	Sec. 2 ZN 11W 990*N 330*W SEC SW NW	16331	2-11-85	G.L. 414'
Joe Simpkins Oil Developments	(Mary) Arthur Akin #3	360. 3 ZN 11W 350*N330*W SEC NW	1606	1-26-85	G.L. 414'
Joe Simpkins Oll Dvelopments	Mary Akin #3	330'S 330'E NWC SW SW Sec. 5 2N IIW	1647*	2-11-85	G.L. 418'

LAWRENCE COUNTY(contd.)  Joe Simpkins Oil Developments Joe Simpkins Oil Developments William C. Padgett Herman L. Loeb Herman L. Loeb Herman L. Loeb Herman L. Loeb Herman L. Loeb Marathon Oil Co. Marathon Oil Co. Shar Marathon Oil Co. Shar Marathon Oil Co. Shar Shar Shar Shar Shar Shar Shar Shar	WELL NAME Mary Akin #4 Raiph Akin #1 Grover Christy #1 Barnett #1 Barnett #1 Barnett #2 Sheman Gray #10 S. Booe #8 John C. King #1 G. C. Grounds #1 Brooke #2-A Wayne & Bob Johnson #1 Lloyd Bennett #1-A Delores Portwood #1	EDGATION  530'N 330'W SEC SW SW Sec. 5 XW 11W 1650'N 330'E NW 990'S 330'E NW 990'S 330'E NW 990'S 330'E NW 990'S 330'E NW 990'S 330'W NW 990'S 330'W NW 990'S 330'W NW 990'S 330'W SEC FT. Sec. 7 ZN 11W 990'S 330'W SEC FT. Sec. 7 ZN 11W 990'S 330'W SEC Sec. 8 ZN 12W 560'S 330'W SEC Sec. 8 ZN 12W 560'S 330'W SEC Sec. 8 ZN 12W 560'S 330'W SEC Sec. 12 ZN 12W 560'W 330'E SW Sec. 12 ZN 12W Sec. 12 ZN 12W Sec. 12 ZN 12W Sec. 12 ZN 12W Sec. 12 ZN 12W Sec. 13 ZN 12W Sec. 15 ZN 12W Sec. 15 ZN 12W Sec. 15 ZN 12W Sec. 15 ZN 12W Sec. 15 ZN 12W Sec. 15 ZN 12W Sec. 16 ZN 13W Sec. 16 ZN	1710' 1710' 1632' 1954' 1956' 1750' 1750' 1750' 1750' 1750' 2264' 1560' 2216' 2216' 2216' 2216' 2216'	PLUGGED  2-9-85 1-21-85 1-21-85 1-20-85 11-20-85 11-20-85 11-20-85 11-20-85 11-20-85 11-20-85 11-20-85 11-20-85 12-29-85 9-30-85 12-29-85 9-30-85	G.L. 450' G.L. 450' G.L. 457' G.L. 457' G.L. 454' G.L. 454' G.L. 454' G.L. 454' G.L. 454' G.L. 454' G.L. 454' G.L. 454' G.L. 454' G.L. 455' G.L. 455' G.L. 465' G.L. 465'
R.E. Anderson 011 Co. Robe	Robert Moore #1 Irene Diver #1	330'S 330'N NEC SW SE Sec, 27 2N 13W 360'N 330'E SWC SE NW Sec, 32 3N 11W	28001	8-18-85	G.L. 498'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
I AWRENCE COUNTY (confd.)					
Marathon OII Co.	S. N. Cooper a/c   #F-1	55'N line 680'E Line NEC NE NW	10591	6-27-85	6.1. *504*
Marathon Oil Co.	S. N. Cooper #G-1	Sec. 5 3N 12W 55'S 117# W NEC NW NW	,016	12-11-85	G.L. 474'
Marathon Oil Co.	W. E. Robins a/c   #11	Sec. 5 3N 12W 190'N 560'W SEc SE	955*	1-31-85	G.L.
Marathon Oil Co.	S. Booe #10	Sec. 5 5N IZW 1751N 4751W SEC NW	9351	1-22-85	6.1.
Smith Operating Co.	E. J. Seed #32	330'N 330'E SWC NE SE	13051	8-28-85	G.L. 445*
Preussag Oll & Gas Production	T. P. Gillespie #19	330'N 330'W SEC	15591	8-30-85	G.L. 473'
Smith Operating Co.	E. J. Seed #26	220'N 12W	1310*	6-6-6	G.L. 450° N
Smith Operating Co.	E. J. Seed #31	SEC. 22 SN   ZW	16501	9-12-85	G.L. 453°
Smith Operating Co.	E. J. Seed #36	Sec. 22 SN 12W 662.53'S 892.72'E NWC	13041	. 6-2-85	G.L. 448°
Marathon Oil Co.	T. P. Gillespie #GM-31	1320'N 50'E SW SW	1640*	11-11-85	G.L. 445'
Marathon 011 Co.	Laura Gillespie #18	330'N 990'E SWC	18181	5-30-85	6.1.
Pioneer 011 Co., Inc.	Rhinehart Uni† #1	350'N 350'E SWC	15141	5-12-85	G.L. 449*
K & W 011 Co.	Gould #1	Sec. 52 SN 12W 990'S 330'E NWC NE	22001	7-28-85	G.L. 476'
K & W 011 Co.	Knox #1	330'S 330'W NEC NE SE NW	28151	4-24-85	G.L. 442'
Marathon OII Co.	J. J. Gould a/c 1 #8	SW SW	18381	12-20-85	6.1.
Charles G. Pool	Mason #1	Sec., 56 3N 12W 990'N 610'W SEC SE NE SE	2662	2-6-85	G.L. 4721
CDP Energy Enterprises	W. Scaggs #2	330'N 360'N 50'N 50'N 50'N 50'N 50'N 50'N 50'N 5	26571	4-30-85	G.L. 492'
Great Plains Oil & Gas Co., Inc.	Utterback #1	330'N 330'E SWc SE Sec. 16 3N 13W	32231	7-31-85	G.L. 475°

TOTAL DATE ELEVATION DEPTH PLUGGED		26531 7-31-85 G.L. 4941	2708' 10-8-85 G.L. 499'	2715' 12-16-85 6.L. 519'	2590'	1730' 5-7-85 G.L. 432'	1720' 5-24-85 G.L. 430'	1787' 9-10-85 G.L. 423'	19991 . 10-3-85	1414' 4-11-85 G.L.	929' 9-6-85 G.L.	908° 10-10-85 G.L.	1664°   11-7-85   G.L.	1034'   1-11-85 G.L.	1426'   11-19-85 G.L.	1425'   11-14-85   6.L.	1425° (1.1-22-85 (6.L.	1437' 11-21-85 6.L.	1377' 11-18-85 G.L.	
LOCATION		330'N 330'W SEC SW SE	Sec. 16 3N 13W 990'S 330'W NEC NW NE	Sec. 20 3N 13W 380'S 330'E NWC SW NW	Sec. 21 3N 13W 330'N 330'W SEC NE NW	Sec. 22 3N 13W 660'N 330'E SWc SE SW	330'S 330'E NWC NE SW	Sec. 6 4N 12W 330'N 330'E SW C NW SE	Sec. 1/ 4N IZW 250'N 820'E SWC SW NW	Sec. 19 4N 12W 690'N 1200'W SWC SW NW 600'N 12W SWC SW NW	700'S 1250'E NW SW	350'S 900'E NWC NW SW	350'E NEC NE	Sec. 24 4N 12W 1901N 9901W SEC SE 500 NM 10W	230'S 287'E NWC NE	Sec. 30 4N 12W 216:S 194 E NWC NE	Sec. 30 4N IZW 166'S 256'E NWC NE	Sec. 30 4N 12W 191's 255'E NWC NE	Sec. 50 4N 1ZW 22618 2461E NVC NE Sec. 30 4N 1ZW	
WELL NAME		Utterback #2	Charles Uirich #1	Sivert Comm. #1	Brown Comm. #1	Ray Havill Heirs #1	Roberts #1	Petty Heirs #1	George W. Cooper #8	George W. Cooper #16	C. L. Lewis #3	C. L. Lewis #27	Perry King a/c   & 2 #58	J. P. Middagh a/c I #5	Isaac Boyd #MI-10	Isaac Boyd #MI-11	Isaac Boyd #MI-12	Isaac Boyd #MI-13	Isaac Boyd #MI-14	
OPERATOR	LAWRENCE COUNTY(contd.)	Great Plains Oll & Gas Co., Inc.	Geo-Petroleum, Inc.	Three Star Drig. & Prod. Corp.	Three Star Drig. & Prod. Corp.	Pioneer 011 Co., Inc.	Pioneer Oil Co., Inc.	Clarence Nester	Marathon 011 Co.	Marathon Oil Co.	Marathon Oil Co.	Marathon 011 Co.	Marathon Oll Co.	Marathon 011 Co.	Marathon 011 Co.	Marathon OII Co.	Marathon 011 Co.	Marathon 011 Co.	Marathon 011 Co.	

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OPERATOR	WELL NAME	LOCATION	тот <b>а</b> рертн	DATE	ELEVATION
LAWRENCE 'COUNTY (contd.)					
Marathon 011 Co.	Isaac Boyd #MI-15	1301S OFE NEC NW	14201	11-20-85	6.L.
Marathon Oil Co.	isaac Boyd #MI-16	Sec. 50 4N 12W 145'S 15'4N MEC NW	14181	11-18-85	6.L.
Marathon Oil Co.	Issac Boyd #MI-17	Sec. 50 4N IZW 1661S 36 4N IEC NW	1434*	11-18-85	6.1.
Marathon OII Co.	Isaac Boyd #MI-21	Sec. 50 4N 12N 180*S 50*M NEC NW	14361	11-15-85	G.L.
Marathon Oil Co.	L. D. Sutton #1	Sec. 50 4N 12W 275'S 250'W NEC SE SE	1034"	10-24-85	6.L.
Marathon Oil Co.	L. D. Sutton #SB-27	55 25 W NEC SE	1047	6-21-85	G.L. 497'
Smith Operating Co., Inc.	M. X. Piper #2-M	Sec. 50 4N 1ZW  674'N 2317'W SEC	10691	12-10-85	6.L. 434 N
Gary K. Tussey	Racop-Rinsch Unit #1	3301S 3301E NWC SE SE	17021	12-30-85	6.1. 526 '
Gary K. Tussey	Racop-Rinsch Unit #2	330*N 990*N SEC	1845*	9-16-85	G.L. 530°
Ploneer 011 Co., Inc.	Sechrest-Whitson #1	350'S 330'W NEC NW NE Sec. 28 5N IIW	1066	5-30-85	G.L. 489'
MCDONOUGH COUNTY				•	
Petroleum Resources Co.	Snowden #1	3301N 3301W SEC NE	7501	1-19-85	G.L. 670°
Petroleum Resources Co.	Greuel #1	350'S 350' NWC NE SW	,069	4-10-85	G.L. 662°
L & A Energy, Inc.	C. Bainter #1	330*N 330*E SWC SW SW NE	7041	4-9-85	G.L. 633'
Gedco OII & Gas	E. G. Morrison #1	330'S 330'W NEC NW	1265	4-29-85	G.L. 609'
The Ogle Corp.	Woodside #1	330'S 330'W NEC SE NE NE	1119	6-14-85	G.L. 632°
Gedco Oil & Gas	Rogers #1	Sec. 28 4N 3W 33015 3301E NWC SW NE	37481	12-20-85	G.L. 456'
Charleston Corp.	Dixon #2	Sec. 30 4N 3W 330'N 330'W SEc Sec. 4 4N 4W	5181	7-26-85	G.L. 520'

OPERATOR	WELL NAME		ТОТАL DEPTH	DATE PLUGGED	ELEVATION
MACON COUNTY(confd.)					
John Carey Oll Co., Inc.	R, Eads #1	330'S 330'W NEC SW Sec. 31 17N 4E	23911	2-11-85	6.L. 683'
MACOUPIN COUNTY					
Carl Wilson	Suhling #1	330'S 330'E NWC SW SW	5501	7-24-85	6.1. 631
Carl Wilson	Katich #1	330'S 330'W NEC SE SW NE	680	10-11-85	6.1. 626'
Dr. Ray E. Howell	Schnaare #5	O'N 350'E NWC NE NW SE	4851	4-6-85	6.1. 536'
John L. Sies	Sies #1	350'N 28C SW NW	6351	7-30-85	6.1. 665'
BC Energy Exploration	Jacob Bros. #2	Sec. 8 8N 6W 990'S 330'E NWC SE	6421	9-30-85	227
Specialty Drlg. Services, Inc.	Fritzsche Comm. #2	Sec. 14 8N 6W 105.515 450'E NWC SW SE	,959	12-23-85	6.1. 691
DEC 0il & Gas Co.	Blackburn University #1	530'S 330'W NEC SE SW	4501	12-30-85	G.L. 624'
DEC 0il & Gas Co.	Pointer #1	530'S 330'W NEC SW NE	3851	5-7-85	G.L. 590'
DEC 0il & Gas Co.	Joiner #1	Sec. 18 8N 8W 330'N 330'E SWc NE SW	5981	11-8-85	G.L. 665'
Sierra Energy Co.	Wonderland Ranch Inc. #1-5	370'S 30'S NEC NE NW	4084	8-20-85	G.L. 614'
DEC Oil & Gas Co.	Willard Eichen #1	Sec. 7 9N /W 330'N 330'E SWC SW NE	3441	7-13-85	6.1. 537'
DEC 0il & Gas Co.	Dennis & Mary East #1	350'N 330'W SE SW SE	4831	11-11-85	G.L. 597'
DEC 011 & Gas Co.	Blackburn University #1	Sec. 36 9N 8W 330'S 330'E NWC SW SE SE	550	12-17-85	G.L. 625'
Barefoot Development	A. Johnson #1	Sec. 21 10N 7W 330'S 330'W NEC NW SW	464"	9-4-85	6.1. 625'
Barefoot Development	A. Johnson #1-A	Sec. 13 10N BW 330'S 380'W NEC NW SW Sec. 13 10N BW	464	9-2-85	6.L. 625'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
MACOUPIN COUNTY (contd.)					
Ready 011 Co., Inc.	Beddinghaus #1	330'S 330'E NWC SW Sec. 25 11N 6W	1065	10-16-85	G.L. 599°
MADISON COUNTY					
W. L. Belden Trust	Kenneth Winterbottom #1	3301S 3301W NEC	19951	9-21-85	G.L. 570'
Ego 011 Co.	A & V Vosholler #1	990'N 990'N SEC	30004	4-21-85	G.L. 434'
Humbolt 011, Inc.	Henschen #1	330'N 330'W SEC NE SW	6251	5-15-85	6.1. 575'
James E. Marek Jr.	Highlander #1	330'N 47'N SEC SW NE	648*	1-19-85	G.L. 563'
Nations-Spearman Co.	Blom Trusts #1	350'S 330'S 30'S W SW	581	2-20-85	G.L. 559' 82
John T. Mitchell	Blom #20	330'N O'W SEC SW SE NE	6001	9-20-85	G.L. 573"
Clarence Schlechte	Clarence Schlechte #5	524'S 110'N NE NE NE NE	5501	11-7-85	G.L. 579'
Ray Grossman	Best #9	120'S 150'W NEC NW SE NE	5881	7-6-85	6.6.
Carl Wilson	Vesper #1	Sec. 34 bN bW 330'N 330'W NEC SE SE Fr. Sec. 2 6N 7W	4801	5-18-85	6.1.
MARION COUNTY					
Select Oil Investments, Inc.	Burris Etal #1	1650¹N 330¹W SEc SW SE	3503*	11-12-85	G.L. 540*
Select Oil Investments, Inc.	Koller-Mitchell Etal #2	SSO'S STOWN NEC NW SW	3150*	12-31-85	6.1. 531
Triple "B" 0il Producers, Inc.	Simmons #1	350'S 660'N NEC SE NE	29951	4-22-85	G.L. 562'
Raymac Petroleum Co.	Halfacre #2	560'S 350'N NEC	3550"	7-8-85	G.L. 467'
Raymac Petroleum Co.	G. Halfacre #1	Sec. 34 IN 4E 990'S 330'W NEC NW NW Sec. 35 IN 4E	3730*	7-3-85	G.L. 481

OPERATOR	WELL NAME	∴ LOCATION	ТОТА <u>Т</u> БЕРТН	DATE PLUGGED	ELEVATION
MARION COUNTY (contd.)					
Pace 011 Co.	Lowery #2	902'N 330'W SEC NE SW	29581	12-9-85	G.L. 474'
1	- TO CO	Sec. 36 IN 4E 405'N 330'W SEC NE SW	3681	5-20-85	6.1. 555'
Marshall Cipper		Sec. 4 2N 2E	10000	9	6371
The Texas Co.	W.O.Chitwood #50 Tr. 9	364'N 168'E SWC NE SW	.0707	69-01-6	6.1. 33/
Texaco, Inc.	W.M. Stroup Tr. 91-#21	950''N SEC NW	34251	7-26-85	G.L. 474'
Texaco, Inc.	W. M. Stroup Tr. 91-#27	Sec. 31 ZN ZE 950'N 940'W SEC NW	1827	7-25-85	G.L. 474'
O III	Duis #1	Sec. 31 ZN ZE 660'N 660'W SEc	41001	8-19-85	G.L. 536'
		Sec. 6 2N 3E	35651	12-30-85	6.L. 517' E
Diamond Energy Co.	F. Duncan #1	550'N 990'W SEC 5W NE Sec. 9 2N 3E		3	29
Marshall Lippert	Thomas-Jervan Comm. #1	405'N 330'E SWC SE SE	3060	8-13-85	G.L. 475'
Lana D. Marshall	E. Cherry #1	330'N 330'E SWC NE SW	30301	9-16-85	6.1. 511'
George M. Shoots	Harqis #1	Sec. 17 ZN 4E 330'N 330'E SWC SE SE	3257*	8-5-85	G.L. 521'
Marchall Tippert	Ladow-Vincent Com. #1	Sec. 19 2N 4E 330'S 330'E NWc	2925	6-9-85	G.L. 505'
		Sec. 21 2N 4E	32801	8-8-85	G.L. 516'
J & K Oil Properties, inc.	n. C. bauer #1			4	
J & K Oil Properties, Inc.	Herschel Becker #1	330'S 330'W NEC NW SE	3276	8-6-8	6.1. 509
J & K Oil Properties, Inc.	Clark-Becker #1	330'S 330'E NWC NE	31031	8-7-85	G.L. 528'
George M. Shoots	Mulvaney #1	Sec. 50 2N 4E 330'S 330'E NWC NE	3295"	8-9-85	G.L. 520'
		į	10000	11-24-85	G.L. 538"
BHP Petroleum, Inc.	D. Schuler #1	550'S 550'E NWC 5E 5W	06:7	3	
Two 0i1	Tarter #1	330'N 430' SEC SW NE	2241	11-7-85	G.L. 568'
Edward C. Koch	R. Rose #1-A	Sec. 55 5N ZE 530*N 330*W SEC NE SW 550** 1 3N 3E	4085	10-19-85	G.L. 579°
		26C. 1 2N 2E			
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OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
MARION COUNTY(contd.)					
Claude M. Rose	Claude Rose #7-A	330'N 330'E SWC NW SW	2650*	4-25-85	G.L. 556'
CEJA Corp.	Ward #1	3301.5 3801 W NEC SE SE	29001	6-13-85	6.1. 5521
Charles T. Evans	Bessie Littrell #1	330'N 330'W SEC SW SE	28301	10-24-85	G.L. 498'
Beaver Oil Co., Inc.	Archie Beard #1	330'N 4E 330'N 330'W SEC NE SE	28401	8-11-85	6.1. 5011
Clarence Sherman	Mulvany #2	350'N 350'W SEC SW	29301	7-19-85	G.L. 480'
Rose Oil, Inc.	Rose #1-B	330'N 350'W SEC SW	28001	8-15-85	G.L. 473'
Shake speare Oil Co., Inc.	Williams Etal #1	350'S 350'E NWC SE	31991	7-10-85	G.L. 476*
Louis Kapp	Arnold #4	330'E SWC NE NE	26101	9-30-85	G.L. 465°
Steven A. Zanetis	Robb #1	330'S 330'W NEC	20731	10-21-85	6.1. 605'
Gentry & Charlton Oil	Quaranta #1	33012 330 W NEC SW SE SE	23751	11-18-85	G.L. 540°
Courson Coring & Drilling Co.	Geller #1	330'S 330'W NEC SE SW	20501	6-17-85	G.L. 568'
Courson Coring & Drilling Co.	Jasper #1	390'N 990'W SEC NE SW NE	20281	5-24-85	G.L. 542*
Retus Gentry & John Charlton	Urbina #2	59C' 10 4N SE 53O'N 91O'W SEC NW	2281*	1-25-85	G.L. 567'
Eagle Land Development, Inc.	Bouyoucous #1	350'N 350'E SWC NW SE	33541	5-2-85	G.L. 539'
Elston Protz 011 Exploration	Carpenter-Borcherding #1	56C. 19 4N 5E 950'S 330'E NWC NW NE	2522	11-1-85	G.L. 553*
Paramount Oil & Gas Corp.	D & N Robb #1	350'N 350'E SWC NW Sec. 20 4N 3E	33891	12-31-85	G.L. 565'

OPERATOR	WELL NAME	* LOCATION	TOTAL	DATE	ELEVATION
			DEPTH	PLUGGED	
MARION COUNTY (CONTD.)					
F. Lowell Hagen	E. Lacey #1	330'S 330'W NEC SW SE	26631	7-16-85	6.1. 573
F. Lowell Hagen	A. Miller #1	990'5 3 4N 4E	2628'	6-2-85	G.L. 567'
Beaver Oil Co., Inc.	Fogler #1	430'S 330'W NEC NW NW	3020	12-28-85	6.1. 573'
Ceja Corp.	Don Hampsten #1	330: 11 41 42 5W SE SW	2550'	12-2-85	6.1. 593'
Ceja Corp.	Hankey #1	330'N 330'W SEC NW	2628'	6-20-85	G.L. 594'
Beaver Oil Co., Inc.	Marshall #1	20C: 10 4N 4E 20C: 3 330 W SE NE	38351	3-8-85	6.1. 581
Clarence Sherman	Bill Soldner #1	330'S 330'E NWC NE Sec. 30 4N 4E	2780*	5-15-85	6.1. 573'
MERCER COUNTY					
Two Rivers Petroleum Co., Inc.	Mrs. Max J. Frase #1	330'S 744'E NWC NE NW	2001	4-30-85	G.L. 739¹
Two Rivers Petroleum Co., Inc.	Paul Harlander #1	330's 330'w NEC NE SW SE	7491	4-30-85	G.L. 648'
Two Rivers Petroleum Co., Inc.	Mary Johnson #1	330'N 330'E SW SW SE SW Sec. 35 14N 2W	8651	4-30-85	6.L. 725 <sup>†</sup>
MONROE COUNTY					
Genle Energy	Wink #1	330'N 330'W SEC SW NW	528*	1-28-85	G.L. 630'
John Prior	Mueiler #2	350'N 350'W SEC NE	670,	10-5-85	G.L. 631'
E. S. Investments, Inc.	Kolmer #1	361. 25 10#	5161	10-14-85	6.1. 661'
E. S. Investments, Inc.	Kolmer I. P. #1-L	2001 50 100 SE NW	4901	10-14-85	G.L. 656'
John Prior	Mueller #1	550'N 330'E SWC NW NW Sec. 25 25 10W	6391	10-5-85	G.L. 670°
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TOTAL DATE ELEVATION DEPTH PLUGGED		1270' 5-21-85 6.L567'		2500' 8-24-85 6.1. 604'	1830' 10-17-85 6.L. 668'	542' 1-23-85 6.L. 638'	232	390' 7-23-85 6.L. 635'	372' 5-15-85 G.L. 640'	490' 5-15-85 6.L. 641'	387'   12-31-85   6.L. 632'	370' 4-11-85 G.L. 645'	375' 4-3-85 6.L. 647'		3249'   11-14-85   G.L. 706'	3263' 11-20-85 G.L. 705'	3239' 11-14-85 G.L. 705'
LOCATION		330'S 330'W NEC NW SE Sec. 32 35 9W		330'S 330'W NEC NW SE	330'S 330'E NWC NE SE	330'N 330'W SEC NE NE Sec. 30 IIN 5W		330'S 330'W NEC NW SE	330'S 330'W NEC SW	330'S 330'E NWC SW	330'S 330'W NEC NW NE	330'N 660'W SEC NE NE	Sec. 32 IGN 8W 330'N 660'E SWC NW NW Sec. 33 I6N 8W		330'S 660'W NEC SE	660'S 330'W NEC SE	Sec. 21 12N 6E 330'N 330'W SEC NE Sec. 21 12N 6E
WELL NAME		Rickert #1		Jett-Riedemann Comm. #1	Mansholt #2	J. H. Baker #1		A. Thornley #1-8	Wallbaum #1	Wallbaum #2	Martin #1	Frances Edwards #1	Lynn A. Davenport #1		lda Fern Garrett #1	Ida Fern Garrett #2	Sw1+s Comm. #1
OPERATOR	MONROE COUNTY(con+d.)	Stanley Energy Co.	MONTGOMERY COUNTY	Buford Exploration, inc.	Pense Bros. Drilling Co., Inc.	Cole Energy Development Co.	MORGAN COUNTY	B.E.S.T. OII Co.	Circle D Drilling Co.	Bobby Henley	Ken Kerr	Lyndon L. Sanders	Lyndon L. Sanders	MOULTRIE COUNTY	"K" 011, Inc.	"K" 011, Inc.	"K" 011, Inc.

OPERATOR	WELL NAME	, LOCATION	TOTAL	DATE	ELEVATION
MOULTRIE COUNTY(contd.)					
"K" 011, Inc.	Swits Comm. #2	990'N 330'W SEC NE	3106	4-20-85	6.1. 6981
"K" 011, Inc.	Swits Comm. #3	350'NGOW SEC NE	2010*	11-20-85	G.L. 698'
Watters Oil & Gas Co.	William Fiesler Comm. #1	590's 21 12N 9E 330'N 330'W SEC NW NE	17031	6-7-85	G.L. 688'
Watters Oll & Gas Co.	T. L. Sheehan #1	350'N 350'E SWC NW Sec. 22 15N 4E	26581	5-13-85	6.1. 706'
PERRY COUNTY					
Clarence Sherman	Bejma #2	330'S 330'E NWC NE NW	5504 1	9-2-85	G.L. 526'
Shelby A. & Sylvia Britton	Adam Radake #1	Sec. 4 45 IW 990 'N 860 W SEC SW	81001	7-31-85	6.1. 516'
Century 011 Co.	Scott #1	Sec. 24 45 IW 330'N 330'E SWC NW NE	2825'	12-30-85	G.L. 568'
Eagle Production, Inc.	Ruslewski #1	380'n 330'w SEC NW	1170*	7-25-85	G.L. 474°
Eagle Production, Inc.	Rusiewski #1	59C. 4 35 1W 990. 330'E SWC SE NW	1183*	7-18-85	G.L. 480°
Barger Engineering, inc.	Hampleman-Walters Unit #1	330'N 330'E SWc SE SE Sec. 9 55 IW	2400'	1-8-85	G.L. 453'
PIKE COUNTY					
Durango 0il Co.	Liehr #1	330'N 330'E SWC NW NE	5861	12-30-85	6.L. 610*
Texas Gas & Oil	Secres+ #2	330'S 330'W NEC SW NE	620	5-6-85	G.L. 541'
Texas Gas & Oil	Bergman #1	350'S 330'W NEC SE SW	\$068	5-8-85	G.L. 540'
L.C.B. Resources, Inc.	Webel #1	330'S 330'E NWC NE NW	6141	10-1-85	6.1. 676"
Humble Resources Co.	N. R. Kurfman #1	350'N 330'W NEC SE NW SE Sec. 6 35 4W	589	3-29-85	6.1. 763'

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
PIKE COUNTY(contd.)					
Humble Resources Co.	D. L. Henthorn #1	330'N 330'E SWC NE	578'	3-25-85	G.L. 752'
Humble Resources Co.	L. 0. Orr #1	Sec. 7 55 4W 530'N 330'E SWC SW SE NW	4981	3-22-85	G.L. 680'
Humble Resources Co.	L. O. Orr #2	350'S 350 NW SE NW	5461	3-22-85	G.L. 692'
Humble Resources Co.	C. R. Kurfman #1	350'N 350 4" 530'N 350'N SEC NW	514	3-29-85	G.L. 733'
Donald Toppmeyer	Goetz #1	350'S 350'N NEC SE	4151	1-29-85	G.L. 630'
Henry Energy Corp.	Bradshaw #1	330'N SEC	367'	4-17-85	G.L. 682'
Sterlingsands, Inc.	Bradshaw #2	Sec. 1 43 5m 330'N S30'E SWC SE SE	406	4-16-85	6.L. 816*
l. R. Bennett	Bartlet #1	660'N 660'N SE	4111	12-4-85	G.L. 650'
Armstrong-Sturtz Co.	Floyd Wagner Farm #1	330'S 330'W NEC NE NE SW	376'	1-14-85	G.L. 644'
Henry Energy Corp.	Bradshaw #1	300 N 300 SWC	3941	4-16-85	6.1. 666'
Henry Energy Corp.	Bradshaw #2	330'N 330'N SEC	394	4-16-85	G.L. 660'
I.R. Bennett	Paul M. Birch #1	630'S 60'W NEC SW	3391	7-17-85	G.L. 630'
I. R. Bennett	McHatton #2	Sec. 10 43 3" 660'N 660'E SWC SW NE	3681	7-17-85	6.1. 651'
I. R. Bennett	Myers-Curry #1	330'S 660'E NWC SE	381	7-17-85	G.L. 654'
1. R. Bennett	Meyers-Curry #2	Sec. 17 43 37 660'N 660'E SWC SW SE	3781	7-17-85	6.1. 658'
Longhorn Resources	Dieker #2	330'S 39W NEC NW	354	6-4-85	G.L. 580'
Henry Energy Corp.	Nelson Farrand #1	350'S 350'W NEC NW SE	375'	4-19-85	G.L. 660'
David A. Gibson	Sargent #1	330*N350*W SEC NE Sec. 18 45 3W	3881	12-31-85	G.L. 667'

OPERATOR	WELL NAME	· LOCATION	TOTAL	DATE	ELEVATION
PIKE COUNTY(contd.)					
Petro-Glbson Corp.	Sargent #3	330'N 330'W SEC SE SW NE	4141	12-31-85	G.L. 678'
Longhorn Resources	Skinner #1	330'S 320'E NWC SW SW	3781	2-18-85	G.L. 640°
Calhoun Research & Development	Goodwin #1	330'S 30'W NEC NW NW	1689	5-3-85	G.L. 390'
Calhoun Research & Development	Schmidt #1	330'N330'W SEC SW NE	270,	5-3-85	G.L. 640'
Steven G. Zimmerman	Fudge #1	330'N 660'E SWC NW NE	7201	9-10-85	G.L. 692'
Stuart Petroleum Co.	R. Loveless #1	330'N 350'W SEC NW SW	4891	12-30-85	6.L. 710°
Conceptics Corp.	William McCartney #1	330'S 330'W NEC SE NE SW	8301	12-31-85	6.1. 721
Calhoun Research & Development	Greenstreet #4	330'S 330'W NEC SE NW SE Sec. 14 75 4W	501	5-8-85	G.L. 550'
RANDOLPH COUNTY					
Thor 011, Inc.	Prest #I-A	330'N 660'E SWC NW SW	2314*	12-12-85	6.1. 524'
Venture Capitol	Brueggeman #2	Sec. 12 43 24 660'S 330'W NEC NE NE Sec. 11 65 6W	10151	12-26-85	G.L. 456°
RICHLAND COUNTY					
Booth Resources, Inc.	Schnell #2	330'S 330'E NWC NE SW	3185'	6-5-85	G.L. 441'
Louis Kapp	Hawkins #6	330'S 320'E NWC SE NE	31401	6-21-85	G.L. 482'
MM 011 Properties	Effie Rule #1	350'S 350'E NWC SW NE	3145*	8-30-85	G.L. 440°
Union Oll Co. of California	Roy Van Matre #1-A	990'S 660'E NWC NW	30361	10-2-85	G.L. 414'
Union Oil Co. of California	A. Yount #1	660'S 640'E NWC. Fr. SW Fr. NW Sec. 7 2N 9E	3036'	9-5-85	G.L. 404'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
SICHLAND COUNTY(contd.)					
Bunn & Bunn Oil Co., Inc.	R. Doan #1	990'N 330'W SEC SE SE	3402	10-24-85	6.1. 5191
Sunn & Bunn Oil Co., Inc.	R, L. Seessengood #1	560'N 350'E SWC SE SW	40004	12-13-85	G.L. 505*
"K" 011, Inc.	Fleming #1-A	350'S 330'E NWC SW SW	3213'	12-3-85	G.L. 441'
J.D. & E. Corp.	Collins Stoll #1	330'N 990'E SWC NW	3225'	10-25-85	G.L. 438
"K" 0il, Inc.	Fleming #1	330'W SEC NE SE	3197'	12-3-85	G.L. 444'
"K" 0il, Inc.	Fleming #2	330'S 320'W NEC SE	3210	6-20-85	G.L. 4411
"K" 011, Inc.	Fleming #3	330'S 320'W NEC SE SE	3215'	12-2-85	6.L. 443°
Ledder Explorations, Inc.	Cokley #1	330'N 330'N 350'N	2622'	6-6-6	G.L. 417"
Ledder Explorations, Inc.	Cokley #1-A	330'N 405'E SWC SE SW	38001	9-22-85	G.L. 422'
Bunn & Bunn Oil Co., Inc.	H.8 W. Jennings Comm. #2	590'N 330'W SEC Fr. NW	1005	9-3-85	G.L. 416°
Double J Exploration	Miller #1	Sec. 6 ZN 11E 330'S 330'S NC SW SE	45301	12-6-85	G.L. 418*
Fiscus Well Service	Joe Mewes #1	59C: 0 ZN 11E 530'N 660'W SEC NE	31191	7-19-85	G.L. 437'
Hocking 014 Co., Inc.	Scherer #1	59C. 4 ZN 14W 53O'N 53O'W SE NW NE	32121	12-9-85	G.L. 451
Coy 011, Inc.	Kimpling #1	330'S 330'N NEC SE NE	3070*	5-21-85	G.L. 426'
Wesco Resources, Inc.	Van Blaricum Etal #1	430'S 330'W NEC NW SE	26421	5-21-85	G.L. 450°
111. Operating & Service Co.Inc.	Greenwood #4	350'S 330'W NE NW NE	3722'	9-10-85	G.L. 449°
Union Oil Co. of California	John O. Coen #7	Sec. 36 SN 8E 668'N 330'W SEC NE	35991	8-15-85	G.L. 493'
Union Oil Co. of Callfornia	John O. Coen #8	Sec. 4 3N 9E 662. N 330'E SWC SW NW Sec. 9 3N 9E	3000	8-12-85	G.L. 487'

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
RICHLAND COUNTY(contd.)					
Union Oil Co. of California	John 0. Coen #19	MS N N	2587*	8-19-85	D.F. 497'
Union Oii Co. of California	John 0, Coen #51	301'N 30E SWC NW NE	31701	8-20-85	D.F. 499'
Black & Black Oil Co.	R. Runyon #1-A	Sec. 4 SN 9E 990's 330'w NEC NE NW SE	30381	12-23-85	G.L. 454'
Black & Black Oil Co.	R. Runyon #1-B	56C. 10 5N 9E 990's 330'W NEC SW	36531	12-24-85	G.L. 466°
Mansfield Oil Co., Inc.	Shan #1	56C. 15 5N 9E 330's 330'E NWC SW	35801	8-27-85	G.L. 462'
Homco, Ltd.	D. Muhlback #2	30's 330'W NEC NE SW SE	36261	6-20-85	G.L. 461°
Homco, Ltd.	B. Shan #3	50°. 22 3N 9E 330°N 330°E SWC NE SE	36111	5-21-85	237
Homco, Ltd.	B. L. Shan #4	36. 22 3N 9E 330'N 330'E SWC SE SE	37851	6-14-85	G.L. 461
Homco, Ltd.	J. Shan #1	59C: 22 SN 9E 330'N SEC NE SW	36301	8-1-85	G.L. 467'
Homco, Ltd.	Myers-Ash #1	Sec. 22 3N 9E 330'N 330'E SWC NE NW NE	36251	6-27-85	G.L. 469'
Homco, Ltd.	Myers-Ash Comm. #2	Sec. 27 3N 9E 330's 333'E NWC NE	3592	7-9-85	G.L. 471'
Homco, Ltd.	Runyon-Shan Comm. #1	360, 27 3N 9E 330's 330'e NWC SE NE	31811	12-19-85	G.L. 481†
Homco, Ltd.	J. Shan #1(A-27)	330 ts 33	3657*	7-18-85	G.L. 478°
Castex Oil Co.	E. Ritter #1	330'N 330'W SEC	3681	11-12-85	G.L. 450'
III. Basin Exploration, Inc.	McWilliams #1	330'S 330'W NEC SW NW	32111	1-28-85	G. L. 438'
III. Basin Exploration, Inc.	Miller Comm. #1	Sec. 36 3N 9E 355's 330'E NWC SW	32161	1-24-85	G.L. 459*
C & Y 011 Co.	Kink #—	56C, 50 50 9E 330'S 330'E NWC NE SW 56C, 29 3N 10F	3185	8-13-85	G.L. 427'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
RICHLAND COUNTY(contd.)					
Louis Kapp	Kenneth Nix #1	330'N 660'W SEC SW NW	32001	6-24-85	G.L. 422'
D & K 011 ℃., Inc.	Don Hatten #1	Sec. 32 3N 10E 330'S 330'W NEC NW NW	4080	12-28-85	G.L. 520'
Ring 011 ℃.	R. Hixon #1	330'S 330'N NEC SW	31901	1-3-85	6.1. 522'
Bunn & Bunn Oil Co., inc.	R. Hixon #1	330'S 330'W NEC SE NW	31301	10-13-85	G.L. 562'
Hocking Oll Co., Inc.	Parrott #1	330'N GOUW SE SW SE	32161	12-10-85	G.L. 455'
Smith Operating Co., Inc.	Betebenner #3	330'S 330'S NWC SE	2875'	7-26-85	G.L. 524'
Trojan OII ∞.	Campbell #1	Sec. 1 4N 9E 330'N 330'E SWC NE SE	3500	9-20-85	G.L. 511'
Smith Operating Co., Inc.	Stevens #W-7	350'S 350'S SW	29001	7-30-85	G.L. 532'
Diamond Energy Co.	0*Brien #1	Sec. 1 4N 9E 990'N 350'W SEC	35351	5-3-85	G.L. 520'
Triple C Oil Producers, Inc.	Mary Bauman #2	672'S 101'W NEC SE	1096Z	5-20-85	D.F. 552'
Jackson Oil Corp.	Lawrence Hazel #1	330'N 330'N 350'N	30561	5-9-85	D.F. 538'
Jackson Oil Corp.	Lawrence Hazel #3	330'N 330'N SE SWC SE NW	30601	5-6-85	D.F. 5311
Jackson Oil Corp.	Lawrence Hazel #4	350'S 330'N NEC SE NW	30801	5-10-85	D.F. 531'
Jackson Oll Corp.	Lawrence Hazel #5	330'N 330'N SWC NW NW	31001	5-10-85	G.L. 524'
Union Oil Co. of California	H. W. Schilling #1	SEC. 2/ 4N 9E S½ NE SE	30601	4-23-85	6.1. 501'
Murvin 011 ℃.	Schwartz-Diesser Comm. #2	359'S 990'W NEC NW	2571	10-4-85	G.L. 486'
III. Basin Exploration, Inc.	Zerkle-Snider Comm. #1	330'S 785'E NWC SW Fr. NW	35401	4-22-85	G.L. 453'
Estate of John M. Zanetis	G. Kermicle #2-W	36C. 3 4N IOE SE SW NW Sec. 4 N IOE	3180*	5-23-85	G.L. 462°

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE PLUGGED	ELEVATION
RICHLAND COUNTY(contd.)					
Estate of John M. Zanetis	Gerald Kermicle #3	330'N 330'E SWC NW NW	30151	5-21-85	G.L. 458'
Diamond Energy Co.	0'Brien #1-B	330'N 330'E SWc	30601	4-30-85	G.L. 476'
III. Operating & Service Co.Inc.	R. Graves #1	Sec. 5 4N 10E 330'N 330'E SWC NE SE	31501	8-19-85	G.L. 474°
Heflin Oil Co.	George Drewes #1	Sec. 10 4N 10E 330'N 660'E SWC NW	33681	10-2-85	G.L. 491'
Triple C 011 Co.	C. A. Gertsch #1	Sec. 13 4N 10E 330'N 660'W SEC NW	25611	9-12-85	G.L. 489°
Murvin Oil Co.	Burgener #1-A	350'N 330'E SWC SW SE NW	3125*	1-28-85	G.L. 481'
Earth Exploration Co.	Kocher #1	Sec. 5 4N 14W 330'S 660'W NEC SE SW	31001	10-28-85	G.L. 488' 652
Ring Oil Co.	Rawlings #1	350'N 330'E SWC NW Fr. SW	3082*	5-24-85	G.L. 474'
Marks Exploration & Drig. Inc.	Von Almen #2	350'S 330'W NEC SW SW	3105*	1-30-85	G.L. 479¹
Pronto Petroleum, Inc.	Kocher #2	36c, 7 4N 14W 330'N 990'W SEC	29351	5-20-85	G.L. 472'
S.E.C. 0il Co.	R.T. Hayes #1	350'N 330'W SEC NE	28821	10-11-85	G.L. 476'
Illiana Construction & Equipment	G. Giner #1	Sec. 13 4N 14W 330'S 990'E NWC SW SW	30291	12-27-85	6.1. 476'
Illiana Construction & Equipment	McCaw #1	Sec. 26 4N 14W 330'N 330'E SWC NW SW	3014'	12-19-85	G.L. 478'
Illiana Construction & Equipment	Provines-McCaw #1	330'S 330'W NEC NW SW	30391	12-24-85	G.L. 479'
Illiana Construction & Equipment	D. Ginder #1	Sec. 26 4N 14W 330'N 330'W SEC NE SE	30191	12-30-85	G.L. 479'
Don R. Snider	Carl Snider #1	Sec. 27 4N 14W 3301N 3301W SEC	2910	6-14-85	G.L. 479"
Don R. Snider	Carl D. Snider #8-1	330'N 330'E SWC SE SE	2917	6-18-85	G.L. 488'
Don R. Snider	Carl Sulder #D-1	Sec. 25 SN 9E 330'N 990'E SWC SE Sec. 25 5N 9E	2930	7-26-85	G.L.

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
RICHLAND COUNTY(contd.)					
Trinity Oil Corp.	Milliman #1	1650'S 660'W NEC NW	30201	10-17-85	G.L. 494'
Steven A. Zanetis	Gerald Kermicle #WI-1	350'N 350'N SE	2640*	6-19-85	6.1. 476'
Steven A. Zanetis	Gerald Kermicle #2	330'N 330'N 10E 330'N 330'N 10E 5.0. 31 5N 10E	25451	10-2-85	G.L. 478'
Steven A. Zanetis	G. Kermicle #3	330'N 1650'W SEC NE SE	25221	10-3-85	G.L. 4591
Steven A. Zanetis	J. Wilson #W-I	330'N 330'N SWC SE NE	25501	10-4-85	G.L. 485'
Black & Black Oil Co.	Stiff #1-A	330'N 330'S SWC SE SE	3057	2-5-85	6.1. 474"
Black & Black Oil Co.	E. Stiff #1-B	330'S 330'S NWC NE SW	2979'	2-7-85	6.1. 474'
Steven A. Zanetis	M. Stiff #1	330'S 660'E NWC NW SE NE Sec. 35 5N 10E	30131	12-16-85	G.L. 501'
ST. CLAIR COUNTY					
BHP Petroleum, Inc.	E. Dagit #1	330'S 330'W NEC SE SW	21051	8-22-85	6.1. 507'
T. R. Kerwin	Mueiler #1	330'S 330'E NWC SE NW	1480*	7-31-85	G.L. 550'
Resource Consultants Corp.	Sidney Etal #1	358'S 348'E NWC SW NW SE	20231	5-17-85	G.L. 475'
Resource Consultants Corp.	Sidney #2	Sec. 34 35 0W SE Sec. 34 35 6W	1954*	5-17-85	G.L. 493°
SALINE COUNTY					
Tom & Jerry Oil Co.	West End Unit-Russell #8	990'S 330'W NEC NW	31581	10-13-85	G.L. 441'
Ashland Exploration, Inc.	N. Anderson #1	330'S 330'N NEC NW NW	33501	7-23-85	6.1. 420"
G. W. Pyramid Co., Inc.	Slykhuis #1	Sec. 20 75 SE Sec. 20 75 6E	4015*	10-27-85	G.L. 412'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
SALINE COUNTY(contd.)					
Terry White Oil Co., Inc.	Emery Milligan #1	330'N 330'E SWC SE SW	3795*	1-16-85	G.L. 458'
Ashland Exploration, Inc.	A. Durham #1	300'N 970'W SEC NE NE	3350*	5-18-85	G.L. 427'
Tristram Resources U.S.A. Inc.	Pingleton #1	350'S 330'N NEC NE SE NW	3735*	7-12-85	6.L. 4111
Vanguard Petroleum Co.	Pemberton #1	330'S 330'W NEC SW	3260'	1-17-85	6.L. 371°
Robinson Englneering	Laverne Moss #1	36C, 20 /3 /E 9901S 330 W NEC SE SE	31601	5-23-85	6.L. 359'
Vanguard Petroleum Co.	Charles Garner #1	330'N 330'E SWC NW	31591	1-31-85	G.L. 367'
Vanguard Petroleum Co.	Bramlet Etal #2	900'N 330'W SEC NW SW	2700'	12-31-85	241
Vanguard Petroleum Co.	Bramlet Etal #3	330'N 330'E SWC NW SE	3020	12-30-85	G.L. 370°
Van Fossan Oll Associates	Ryan Helrs #1	36C. 27 75 7E 330 1V 330 W SE NW SE	31001	9-26-85	G.L. 420°
DeMier 011 Co.	Small #1	330'S 330'E NWC NE SE	3147*	5-29-85	6.L. 372°
John L. Rister	A. Rister #2	350'N 350'W SEC SW SW	2270,	7-13-85	G.L. 4331
Walker 011 Co.	Bishop #1	330'N 330'E SWC NE SW	3110*	1-18-85	G.L. 414 t
Tristram Resources U.S.A. Inc.	Girot-Shields #1	350'N SEC NE SW	32461	7-31-85	G.L. 447'
Ashland Exploration, Inc.	A. D. Buchanan Etal #3	330'N 330'E SWC NW SW	2400"	9-16-85	G.L. 442'
Ashland Exploration, Inc.	V. Potter Etal #1	500'N 925'E SWC SW NW	35501	5-2-85	6.1. 501
Ashland Exploration, Inc.	Zella Fields Etal #4	SPC. 0 85 DE 870'N 330'E SWC SW SW	3230"	8-22-85	G.L. 418'
Ashland Exploration, Inc.	N. C. Daniels Etal #1	330'N 350'W SEC SW NE	3250"	4-18-85	G.L. 445'
Ashland Exploration, Inc.	N. C. Daniel Etal #2	Sec. 8 85 0E 350'N 330'W SEC NW Sec. 8 85 6E	32291	7-15-85	G.L. 454'

SALINE COUNTY(contd.)  Ashland Exploration, Inc.  Ashland Exploration, Inc.  Ashland Exploration, Inc.  Ashland Exploration, Inc.  Richard W. Beeson  Terry White Oil Co., Inc.  Black Rock Oil Co., Inc.  Richard W. Beeson  Exploration  Russell & Namer oil Co.  Russell & Namer oil Co.  Fuhr & Oglesby Oil Producers, Inc.  Sandawan County  Sandawan County	WELL NAME  Donald Russell #2  R.E. Pulliam Unit #1  Pulliam Etal #3  Kanneth Behnke Etal #1  #3A  Mitchell #4  Russell & Williams #1  Rapp #11  Cecil Skelton #1  Oglesby #2	330'S 330'E NWC SW SE Sec. 8 88 6E Sec. 8 88 6E Sec. 18 88 6E Sec. 18 88 6E 330'S 330'E NWC SW Fr. NW Sec. 18 88 6E 330'S 330'E NWC SW Fr. NW Sec. 20 88 6E 330'S 330'E NWC SW Fr. NW Sec. 20 88 6E 330'S 330'E NWC SW NW Sec. 24 88 6E Sec. 24 88 6E Sec. 26 88 6E Sec. 26 88 6E Sec. 30 88 6E Sec. 30 88 6E Sec. 30 88 7E Sec. 30 88 7E Sec. 30 88 7E Sec. 19 88 7E	107AL DEPTH 3200' 3400' 3050' 2490' 2990' 3075' 3003'	DATE PLUGGED 1-26-85 5-10-85 1-16-85 5-10-85 7-17-85 9-10-85 9-1-85 11-2-85 11-2-85 8-5-85	G.L. 450' G.L. 390' G.L. 388' G.L. 395' G.L. 399' G.L. 403' G.L. 407' G.L. 407' G.L. 425'
John Carey Oil Co., Inc.	Double S/S Farm #1	330'N 330'W SEC NE	18101	1-27-85	6.1. 610'
Homco, Ltd.	Ryan #1-H	SEC. 1 JAN JAN SON SON SEC. 1 SAN JEN NE NE SE	18691	12-3-85	G.L. 559'
M & N 011 Co.	McLean #!-M	330'N GOOD SWC NE	17541	10-23-85	G.L. 574'
John Carey Oil Co., Inc.	SMB Trust #1	Sec. 19 15N 5W 990'S 330'W NEC	18561	4-11-85	G.L. 487'
Bi-Petro, Inc.	Raps #1-8	Sec. 28 13N 5W 350: 330'E SWC NE Sec. 3 15N 4W	1613*	1,2-10-85	6.1. 575'

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE PLUGGED	ELEVATION
SANGAMON COUNTY(contd.)					
Homco, Ltd.	Leach #1	3301S 3301W NEC SW NE	17881	4-18-85	6.1. 588'
Ring 011 Co.	Carter #2	290'S 660'W NEC	1716'	6-16-85	6.1. 5821
John Carey Oil Co., inc.	Sauers #1	300'N 350'N SEC NW SW	16851	4-12-85	G.L. 605 <sup>1</sup>
John Carey OII Co., Inc.	Kilbride #1-8	350'S 660'W NEC NW	18251	1-9-85	6.1. 606
John Carey Oil Co., Inc.	Park #I-A	350'S 660'E NWC NW	17181	4-12-85	6.1. 596'
John Carey Oil Co., Inc.	Aures #1	330'S 330'W NEC Sec. 30 16N 3W	1724'	4-11-85	6.L. 593¹
SCHUYLER COUNTY					243
Terra Minerais, Inc.	Barrington #1	330'S 330'E NWC	6461	7-3-85	G.L. 550°
Precision Oil Production	L. Flaherty #1-P	330'N 330'E SWC SE NW SW	1949	7-3-85	G.L. 579'
Clifford Peradi	Utter #1	330'S 330'N NEC SE SE	5431	11-8-85	6.1.505'
Midland Minerals Corp.	Acheson #3	350'S 350'W NEC NE NW	7007	8-12-85	G.L. 548°
Midland Minerals Corp.	Barnes #1	SOCI 14 IN W SEC SW SW SE	6301	8-12-85	G.L. 616 <sup>†</sup>
R & M Exploration	1. Smith #1	330'S 330'S NC SE SE	6121	7-15-85	G.L. 582¹
Midland Minerals Corp.	Goldsoborough #1	330'N 330'E SWC NW SE SE	5501	8-12-85	G.L. 482°
Midland Minerals Corp.	Wheelhouse #1	330'S 330'W NEC NE NE SW	6361	9-5-85	G.L. 597¹
Terra Minerals, Inc.	Crone #TM-1	350'S 320'E NWC NE NE SW	6501	8-13-85	6.1. 580'
Midland Minerals Corp.	H. Briney #1	330'N 330'E SWC NW SE Sec. 36 IN 2W	6701	10-24-85	G.L. 555°

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
SCHUYLER COUNTY(contd.)					
The Ogle Corp.	Sayers #1	330'N 330'E SWC SE NW	794'	4-29-85	G.L. 666'
Midland Minerals Corp.	Leinweber #1	330'S 330'E NWC NE NW	842*	9-5-85	G.L. 660'
Glendell Carter	Mourning #1	Sec. 19 2N IE 330'S 330'E NWC NE	•1019	12-24-85	G.L. 649'
Torray M.	Barrington #TM-2	Sec. 4 2N 1W 330'N 330'E SWC SE SW	.612	2-5-85	6.1. 616
		Sec. 32 2N IW			
F. Lowell Hagen	Bartlett #1	330'S 330'W NEC SE SE Sec. 7 2N 2W	,006	4-16-85	6.L. 593'
Rusco Petroleum Corp.	Shelts #1	330'N 330'W SEC NW NE	525	5-3-85	G.L. 505°
Omega Minerals, Inc.	E. Peters #1-8	350'N 350'E SWC	525'	4-25-85	G.L. 484'
Rod Oil Co.	Peters #2	350'S 350'S WC NE NW SW	560	6-7-85	G.L. 476'
Rod Oil Co.	Sutherland #1	330'N 330'E SWC NE NE SW	5751	6-7-85	G.L. 471"
Omega Minerals, Inc.	Dyche #2	330'N 330'N 5W NE	6101	4-23-85	G.L. 482'
Omega Minerals, Inc.	Griffin #1	330'N 330'W SEC NW	4551	4-23-85	G.L. 486°
J. U. Dodge	Rahman #1	Sec. 15 ZN 5W 660'N 660'E SWC SW NW	1519	12-30-85	G.L. 572'
Omega Minerals, Inc.	Foreman #1	330'N 330'W SEC NE SE	650	4-25-85	G.L. 565'
Rusco Petroleum, Inc.	H. Morrell #1	Sec. 22 2N 3W 330'N 330'W SEC SW SE SE	5811	5-3-85	G.L. 559'
Texas Gas & Oil	Triple M Farms #2	Sec. 26 2N 3W 330'S 330'E NWC	600	4-22-85	6.1. 566'
Hilltop Oil & Gas Co., Inc.	Triple M Farms #1	Sec. 26 2N 3W 330'S 330'W NEC NW NE NE	1065	4-22-85	6.1. 586'
Blade Exploration	Dober #1	Sec. 27 2N 3W 1650'S 330'E NWC SW	807	4-18-85	G.L. 502'
Windham Oil Co.	Tomlinson #A-2	Sec. 24 3N 1W 330*N 330*W SEC NE SE SW	914*	1-9-85	6.1. 672"

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
SCHUYLER COUNTY(contd.)					
Windham Oil Co.	Tomlinson #D-2	230'S 330'E nWc NE eW NE	884 1	1-9-85	G.L. 655'
Windham Oil Co.	Tomlinson #0-3	Sec. 15 3N 2W 330 N 330 E SWC SW NW NE	7007	1-9-85	G.L. 662'
Talent-Permco, Ltd.	Heaton #2	SEC. 13 SN ZW 3301N 3301W SEC NW NW	1869	5-8-85	6.1. 686'
Talent-Permco, Ltd.	Patton #1	Sec. 29 SN ZW S3015 S3015 NE NW SW NW	644"	5-6-85	G.L. 656'
Talent-Permco, Ltd.	Patton #2	330'N 230'N SW SE SW NW	7001	5-9-85	6.1, 660'
Talent-Permco, Ltd.	Riggins #2	36C, 30 3N 2N 330 N 350 N SEC NW	654"	5-8-85	6.1. 628
Longhorn Resources, Inc.	K, Ward #1	36C; 32 3N 2N 2N 3W SW 330'S 330'S 320'S 3	16551	3-29-85	245
North Star Oil	Fowler #1	Sec. 32 SN ZW 330'N 330'E SWC NW SE	6311	8-22-85	6.1. 610'
Charles B. Wiley	Kotter #1	3462, 13 3N 3M 3301S 3304 NEC SW	4009	12-23-85	G.L. 563 <sup>†</sup>
Charles B. Wiley	Kotter #2	39C; 15 3N 5W 330'N 330'E SWC NE	,009	12-23-85	G.L. 574'
T.L.C. Development Corp.	Lawson #1	Sec. 15 2N 3N 5N 5SE SE SE SE SE SE SE SE SE SE SE SE SE S	650	2-20-85	G.L. 568'
T.L.C. Development Corp.	Lawson #2	Sec. 19 3N 3W 330'S 330'S 330'S 330'S 30'S 30'S 30'S	6501	2-20-85	G.L. 577'
Homco, Ltd.	Jerry Swanger Comm. #1	330 'N 330 'E SWC SE SW NW	5281	4-12-85	G.L. 552'
Homco, Ltd.	Jerry Swanger Comm. #2	3301N 3301E SWC SE NW NW	1625	4-12-85	G.L. 534'
Jasper Oil Producers, Inc.	J. Swanger Comm. #9	330'N 330'E SWC NE SW NW	6351	4-26-85	G.L. 552'
Jasper Oil Producers, Inc.	J. Swanger Comm. #10	Sec. 20 3N 3N 330'N 330'N SW SW	6401	4-26-85	G.L. 553'
Luke Grace Oil Co.	Dant #1	Sec. 20 SN SN 330'S 330'N NEC NE NW SE	5711	4-27-85	G.L. 552¹
Luke Grace Oil Co.	Oant #2	36C. 22 3N 3W SEC SE NW SE Sec. 22 3N 3W	5681	4-27-85	G.L. 581,

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
SCHUYLER COUNTY (contd.)					
Luke Grace 011 Co.	Dant #3	330'S 330'W NEC NW NE SE	575	4-27-85	6.1. 591'
C. H. Levens	Gorsuch #1	330'S 230'W NEC SE	6631	6-10-85	G.L. 629'
C. H. Levens	Hickman #1	330' N 330' E SWC NW NE NE	,099	6-10-85	G.L. 670'
C. H. Levens	Hickman #2	330'' 24 31 31 SWC NE NE	6501	6-10-85	G.L. 669'
Davis Bros. Oil Producers, Inc.	Wells #1	350'S 24 JN JN SE 350'S 250'N BC NW SE	6131	10-9-85	G.L. 682'
Longhorn Resources, Inc.	Dobey #1	330'N 330'W SE NW SE	610	5-25-85	6.L. 521'
Triple "S" Oil Producers, Inc.	Cox #1	330'1' 330'4" SEC NE SW NE	1989	5-7-85	6.1. 546' 57
Hargis Exploration & Prod. Inc.	Lawrence Cox #1	478'N 67'N SEC SE NE NE	620	4-19-85	6.1. 606'
Hargis Exploration & Prod. Inc.	Lawrence Cox #2	330'N 30'W SEC SE SE NE	1069	5-7-85	G.L. 549'
Radford Meier	Belden #1	330'5' JN 4W 330'5' N ANG NE SW	5501	6-5-85	G.L. 488'
Radford Meler	Greenleaf Heirs #2	330'N 350 W SEC NE NE	5401	6-5-85	6.1. 515'
Rusco Petroleum, Inc.	Unger #2	350'S 510'E NWC NW NW Sec. 23 2S 3W	540	6-11-85	G.L. 488'
SCOTT COUNTY					
Talent-Permco, Ltd.	Robert Worrell #1	330'N330'W SEC SE NE NE	1009	5-20-85	G.L. 559'
Ken Kerr	Nevins #1	330'N 330'W SEC NW NE Sec. 36 15N 13W	,099	2-18-85	G.L. 563'
SHELBY COUNTY					
Jordan Oil & Gas Co.	Padge++ #1	330'N 330'E SWC NW NE Sec. 18 10N 2E	32001	5-2-85	6.1. 631'

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
SHELBY COUNTY(contd.)					
Louis Kapp	Stretch Comm. #1	330'S 330'W NEC SE	21231	6-24-85	G.L. 529'
Jordan Oil & Gas Co.	Banning #1	Sec. 12 TON JC 2001S 4501E NWC NW NW NW CO. 25 TON 35	19531	6-13-85	G.L. 596¹
Louis Kapp	Syfert Etal #1	350'N 350'W SE OW SW	22161	2-20-85	G.L. 578'
John Carey Oil Co., Inc.	Kramer #1	350'S 330'W ME SW	10691	10-20-85	G.L. 695'
John Carey Oll Co., Inc.	Kramer #2	330'S 380'E NWC SW	1631	12-5-85	G.L. 670°
Ronald A. Potsch	Citizens Nati. Bank of	330'N 330'W SEC NE NW	15291	1-19-85	G.L. 669¹
Carl M. Hubbartt	Borgic #1	330'S 990'E NWC NE	1620'	10-23-85	247 ,529 .1.9
Licoa Energies, L†d.	B. J. Kramer #1	330'S 330'E NWC	19201	7-16-85	G.L. 659'
John Carey Oil Co., Inc.	Low-Hunter #1	71. 3ec. 10 11N 2E 330'S 330'E NWC SW	21001	10-25-85	G.L. 681'
Universal Resources Corp.	Eberspacher #1-A	330'N 330'W SEC SW SW Sec. 29 I2N 2E	15131	2-5-85	G.L. 667°
VERMILION COUNTY					
111. Basin Exploration, Inc.	V. ANDERSON #1	330'N 360'E SWC SE Sec. 25 IBN IIW	418	6-6-85	G.L. 633°
WABASH COUNTY					
III.Mid-Continent & Dee Drlg.Co.	J. J. Springman #6	1104'S 1892'W NEC	1450*	9-30-85	G.L. 426
Smith Operating Co., Inc.	Trimble #6	17. 3ec. 2 IN 12W 830'S 1020'W NEC	14291	7-19-85	G.L. 426
Jackie Kenelpp	John Walser #3	330'N 330'E SWC SE NW	15791	7-26-85	G.L. 445°
W. Thomas Padgett	Don Shepherd #1	Sec. 6 IN 12W Sec. 6 IN 12W	2474'	6-27-85	G.L. 425'
			_	_	

TOTAL DATE ELEVATION		2030'   11-5-85   G.L. 432'	2001' 7-10-85 G.L. 426'	2440' 12-6-85 G.L. 479'	2350' 6-28-85 G.L. 421'	2378' 5-3-85 G.L. 411'	2037' 7-6-85 G.L. 451'	997' 7-22-85 6.L.	1654' 9-3-85 G.L. 459' &	2625' 9-27-85 G.L. 447'	2840'	2836' 10-29-85 6.L. 510'	3550' 10-1-85 G.L. 497'	3404' 8-30-85 G.L. 440'	2790' 7-21-85 G.L. 497'	3590° 8-6-85 G.L. 483°	2700' 9-17-85 G.L. 455'	2685' 8-24-85 G.L. 448'	3590' 8-6-85 G.L. 534'	
LOCATION		330'S 360'W NEC SE SW Sec. 14 IN 12W	330'S 360'E NWC SE SW	Sec. 14 IN 12W S30'15 S30'W NEC NW SW S00 15 IN 12W	350'S 330'W NEC SE SW	330''330'W SE NE SW	350'S 350'E NW SE NW	Sec. 25 IN 12W 1670'N 71'E SWC NE	Sec. 24 IN 12W 360'N 330'E SWC NE SW	Sec. 50 IN   ZW 330'N 330'E SWC NE	Sec. IN 15W 3301S 508 W NEC SW	Sec. 5 1N 15W 530'N 330'E SWC SE	330'S 990'S NWC NE	330'N 330'N SEC SW SW	330'S 330'S We NE	330'S 330'E NWC SW NE	330'S 330'W NEC NW NE	350'N 990'W SEC NE NE	Sec. 11 IN 13W 330'N 330'E SWC SE NE	Sec. 15 IN 13W
WELL NAME		Kenneth Wright #1	Kenneth Wright #2	Bachanan-Stillwell Unit #1	L. C. Stevens #1	Stevens Etal Unit #2	G. Higgins #5	Nora Marcotte #8-D	Eva Case #1	Iris Smith #2	Jones-Meikirk Uni† #1	Eugene Neikirk #!	Kenneth Wood #1-C	Phillip Reyman Etal #1	Charles Jones #1	Parmenter #2	Skelton Enterprises #1	W1111ams #2	Parmenter #1	
OPERATOR	WABASH COUNTY(contd.)	Raymond Brinkley	Raymond Brinkley	Fryco	John C. Stevens & James L.Stevens #1	Raymond Brinkley	Timothy L. Grounds	Cardinal Oil Co.	4-Dice Oil, Inc.	Bill Rodgers Oil Drig. & Prod.	R.E. Anderson Oil Co., Inc.	San-Mar Oil Corp.	S & M Oil Production, Inc.	Big Basin Oil Co., Inc.	San-Mar Oil Corp.	C. J. Warren Oil Co., Inc.	Woods Oil Co., Inc.	K & W Oil Co.	C. J. Warren OII Co., Inc.	

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
V FFEET / NEW YORK					
WADANA COOK IN THE PROPERTY OF			1		
C. J. Warren Oll Co., Inc.	Phelps #1	330'S 330'W NEC SW SW	3620	2-7-85	6.1. 581
S & M Oll Productions	Jim Kelsey #1-8	330'S 330'E EWC NE NW NW	25801	5-31-85	G.L. 461'
Small & Higgins, inc.	Shepard #1	330'N 330'W SEC SE SW	2460*	12-16-85	G.L. 473'
Conrady Oll, Inc.	C. Steckler #3-A	Sec. 52 ZN 12W 380'S 695'W NEC SW	14001	6-18-85	6.L.
Conrady Oil, Inc.	Steckler #5	350'S 730'W NEC SW	17751	6-18-85	6.L.
Hayes-Wolf Bros. 011 Co.	Cotner #4	Sec. 18 15 12W Outlot 168 in City of Mt. Carmel NW	1483*	11-8-85	6.1.421'
Schlagel Oil Partnership	Henry J. Bosecker #1	Sec. 21 IS IZW 430'S 330'W NEC NW SW	2747*	12-31-85	G.L. 406'
Victor R. Gallager	Ark Land CoSteckler Com.#1	330'S 990'E NWC SW NW	35801	6-27-85	G.L. 440' 5
Hocking Oil Co., Inc.	Alvin Sharp #5	330'N 330'E SWC SW NW	2760	9-25-85	G.L. 479'
Donald L. Graham	Wirth #1	56C. 12 15 15W 990'N 350'W SEC SW NE	28101	9-3-85	G.L. 451'
John W. Alka	J. W. Alka #C-6	340'S 330'W NEC SE SE	2620'	10-1-85	G.L. 414°
Frontier Oll Co., Inc.	Peters Ankenbrand #1	Sec. 29 15 15W 660*N 660*E SWC	3970"	7-17-85	G. L. 394'
War-Ken Oil ℃.	C. L. Tennes #1	330'N 330'W SEO NW NW	30501	1-12-85	G.L. 397'
Maybe Oil, Inc.	Morrton #2	330'N 1630'W SEC NW	29571	8-24-85	G.L. 409'
John T. Crisel & Jerry Crisel	Riggs #1	Sec. / 23 15W 616*N 420*W SEC SW	2440'	6-24-85	6.1. 383'
John T. Crisel & Jerry Crisel	Waddle Comm. #1-Block "T"	Sec. 9 25 15W	2445*	6-24-85	G.L. 433°
н 8 н Оі1 ⊗.	Archie E. Easrey #1	Sec. 9 25 15W 163'S 90'E NWC	1992	9-61-9	G.L. 420'
H & H Oil Co., Inc.	Alfred Kennard #6	Sec. 13 23 13W 642.1'S 292'W NEC SE NW Sec. 14 2S 13W	1964	9-17-85	G.L. 393'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
WABASH COINTY(Contd.)					
H & H OII Co., Inc.	Alfred Kennard #11	196'S 54'W NEC SW SE NW	2028	9-11-85	G.L. 400'
Viking 011 ℃.	Hocking Etal #2	430'S 330'E NWC SW SE	29101	2-11-85	G.L. 400'
Albert J. Morris & James L.Baker	Jack Kennard Etal #1	330'S 330'E NE SE NE	28951	1-2-85	G.L. 401'
R G & P Petroleum Inc.	Schmidt Heirs #2	1650'N 129"	28901	7-19-85	G.L. 399'
Fryco	Schonaman #1	330'N 400'E SWC NE SW	2720	5-14-85	G.L. 399'
H & H OII Co., Inc.	Kurtz #1	39C: 1 23 14W 39C: 33O'W NEC SE SE Sec. 25 2S 14W	2354'	10-10-85	G.L. 384'
WASHINGTON COUNTY					250
Fidelity Energy Resources, Inc.	Boehne Farms Inc. #1	3801S 3301E NWC	1750	11-6-85	G.L. 446°
BHP Petroleum Inc.	1. Meinert Comm. #1	330'N 330'W SEC Fr. SW	31001	12-14-85	G.L. 466'
Fidelity Energy Resources, Inc.	L. Finke #1	Sec. 50 15 ZW 3301N 3301W SEC NE SW	17001	12-17-85	G.L. 449'
Elmer Oelze Jr.	Koelling-Pitchford #2	Sec. 51 15 2W 330*N 330*E SWC SE	15401	5-13-85	G.L. 579'
Shamrock Drilling Corp.	E. Skibinski #2	330*N 330 *W SEC NW NE	15501	5-7-85	G.L. 547'
A & B, Inc.	Leo Czajkowski #1	330'N 660'W SEC NE NW	4245'	8-22-85	G.L. 562'
Charles T. Evans	George Nadolski #1	330'N 330'E SWC SE NE	1564	6-29-85	G.L. 542'
Elmer Oelze Jr.	Schaeffer #4	Sec. 21 25 IW 990'N 1650'W SEC NE	34551	4-23-85	G.L. 580'
Elmer Oelze Jr.	Bernreuter-Morrison Comm.#1	Sec. 5 25 5W 330'N 330'W SEC SW NE	26401	4-17-85	G.L. 527'
Elmer Oelze Jr.	Harre #1	Sec. 19 25 5W 660'S 660'S FWC SW NW	3776	4-17-85	6.L. 532'
Elmer Oelze Jr.	Harre #2	350'S 330'E NWC NE SW Sec. 20 25 3W	2784'	11-29-85	G.L. 547'

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
WASHINGTON COUNTY(contd.)		Ť			
Elmer Oelze Jr.	Melvin F. Haare #1	33015 3301W NEC SW	2804	7-22-85	G.L. 540'
BHP Petroleum inc.	Elmer Sachteleben #1	Sec. 28 25 5W 990'S 530'W NEC NW SE	28001	8-28-85	G.L. 501'
Shakespeare Oll Co., Inc.	Joe Flipiak #1	Sec. 55 25 4W 330'S660'E NWC	43031	10-29-85	G.L. 534'
Baldridge 011 ℃.	John Janowski #1	56C. / 55 IW 530'N 530'E SWC SE NE	12901	10~28-85	G.L. 552 <sup>1</sup>
Baldridge Oil Co.	Schwind Comm. #1	560. 17 55 1W 550'N 1014'E SWC NE NW	1407	10-28-85	6.1.
Baldridge Oll Co.	Bendrick #1	350'N 330'W SEC NWNW	1400'	10-28-85	6.L.
Elmer Oelze Jr.	Bednarkewicz #1	Sec. 35 38 IW 530'N 530'W SEC SE SE NW	12181	4-25-85	G.L. 508'
Elmer Oelze Jr.	Bednarkewicz #2	17.5'N SEC NW	10001	4-25-85	G.L. 604'
Elmer Oelze Jr.	Liszewski #1	350'N 350 ZW 350'N 350'E SWC SE NW	13861	4-25-85	G.L. 506'
Fidelity Energy Resources, Inc.	Wilke Etal #1	340'S 350'W NEC SE SW Sec. 3 35 4W	26701	12-12-85	6.1, 501
WAYNE COUNTY					
Robinson Engineering	Milford Hawkins #1	330'S 330'W NEC SW SW	3055 t	7-11-85	G.L. 453†
Texaco, Inc.	Carneal Estate #1	350'S 350'N NEC SE SW	3698	12-26-85	G.L. 501'
H. B. & Y. Associates	L.M. Medders #1	330's 350 NW SW SE	38751	6-27-85	G.L. 504'
Hefiln Oil Co.	Lyle Allen #1	350'S 530'S NG SE	3105	5-31-85	G.L. 469¹
Raymac Petroleum Co.	Youngblood #4	350'S 29 IN 2E 330'S 330'S W SW	3780 t	7-9-85	G.L. 431
Raymac Petroleum Co.	Henson #1	350'N 330'E SWC SE NW	3033*	7-10-85	G.L.
Raymac Petroleum Co.	Frank Shelton #1	350'N 350'W SEC SW NW Sec. 29 IN 5E	29301	7-13-85	G.L. 477'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
WAYNE COUNTY(contd.)					
Raymac Petroleum Co.	Otto Shelton #1	33015 3301E NWC NE SW	3025*	7-15-85	G.L. 473'
Hefiin Oil Co.	Greenwalt Etal Unit #1	Sec. 29 IN SE 990'N 1667'E SWC	3680'	5-30-85	G.L. 465'
S. C. Vaughan Oll Production Co.	Dagg #2	16. Sec. 51 IN 25 330'S 360E NWC NE	28901	9-27-85	G.L. 465'
Crete Oil Investments, Inc.	Kelly #1	350'S 350'E NWC NE	39001	7-15-85	G.L. 499'
Louis Kapp	Brown #1	330' 330'E SWC NE SW	3974'	3-28-85	G.L. 474'
Louis Kapp	Rennels #1	330'N 33'N SE SWC SE SW	3255'	4-5-85	G.L. 497'
Texaco, Inc.	W.H. Matchell #1	330'S 66'N NEC SE	3116'	8-6-85	2:
Texaco, Inc.	Turner Comm. #1	330'N GEORG SW	30451	7-12-85	6.L. 454' NS
Wood Energy, Inc.	Greenwalt-Harrell #1	330'N 350'E SWC NW SE	3297	5-6-85	G.L. 502'
Texaco, Inc.	A. Watson #4	330'N 64'E SWC SE NW	3145'	10-21-85	G.L. 463'
Union 011 Co. of California	Raymond Benskin A #4	50'N 350'E SWC NW NE	31061	8-7-85	G.L. 439'
Mid-America Petroleum Corp.	Kessell #1	330' N 37E SWC NE SE	3300	10-30-85	G.L. 469'
C. F. Rebstock	Johnson #1	330'N 330'W SEC NW SW	3178	5-15-85	G.L.
Triple C 011 Producers	Donald Knapp #1	350°N 66°E SWC NW	3170'	5-28-85	G.L. 4411
Robinson Production, Inc.	George Bradley #1	350'S 32 IN 7E 330'S 330'S W NW	31321	7-18-85	G.L. 434'
Robinson Engineering, Inc.	George Bradley #1	350'N 350'N SEC SW NW	\$00	7-19-85	G.L. 440'
S & B Exploration, Inc.	Edwards Simmons #1	350'S 350'E NWC SE NW	33051	6-20-85	G.L. 448'
Keoughan Bros, Well Service	William Obrecht #1	330'S 330'E NWC	31131	10-7-85	G.L. 456'
		Sec. 3 IN 8E			

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
WAYNE COUNTY (CONTO.)					
Keoughan Bros. Well Service	Obrecht #2	330'N 330'E SWC NW NW	30961	10-9-85	G.L. 456°
Union Oll Co. of California	Lucy Hubble #2	555, 51 N SE SWC NW SE	3087'	6-18-85	D.F. 452'
Union Oil Co. of California	Powell-Hubble Consid. #2	Sec. 4 IN SE 660'S 330'W NEC SE	3140'	9-20-85	G.L. 449'
Fairway Oil ℃.	C. Wells #1	330'S 330'S E NWC NE SE	,7778	7-30-85	G.L. 440'
Fairway Oil Co.	R. Walker #1	330's 330's Nec SE	3852	10-3-85	G.L. 396'
Murvin 011 ℃.	John Best #1	330'S 330'N NEC SE SE	3467	10-15-85	G.L. 458'
Murvin Oil Co.	Best #2	350'N 350'N 8E 350'N 350'N 8E SKE	3020"	10-14-85	G.L. 448'
Murvin Oil Co.	J. Best #3	330'N 350'N SEC	3082"	10-11-85	G.L. 451' ES
Jerry E. Friend	Best #1-A	56C. 25 IN 8E 965'N 990'N SEC NE	3200"	8-31-85	G.L. 390†
Robinson Production, Inc.	Curry #1-A	350'S 350'S BE NW	3911	6-17-85	G.L. 415'
Jerry E. Friend	F. E. Lambrich #1	350'N330'N SEC SW NE	3038'	9-7-85	G.L. 392'
George N. Mitchell Prod. Co.	Rutger-Baker Comm. #1	Sec. 32 IN 8E 330'S 330'E NWC SE SW	3350"	6-28-85	G.L. 396'
Amosoil, Inc.	Fout Etal Comm. #1	Sec. 1 1 9 5 900'N 360'N	3360"	11-22-85	G.L. 478°
Stan-X Oil Co.	Robert Glover #1-A	990'S 350'N NE SW NE	40001	1-23-85	G.L. 460°
0.J. 011 Corp.	Moats #1	350*N350*N SEC SW	33531	8-24-85	G.L. 435°
III. Basin Exploration, Inc.	L. Massie #1	360. 22 IN 9E 330'S 330'N NEC NW	3381	10-18-85	G.L. 395'
Heflin Oil Co.	Ralph Greifzu #1	350'N 350'N 9E 350'N 350'N 5E SWC NE NW	3400"	5-31-85	G.L. 398*
Heflin Oil Co.	McKibben #1	350'S 350'N 9E 350'S 350'N NEC SW NW Sec. 26 IN 9E	33391	5-6-85	6.1. 418

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
C PARTY COLUMN					
WATNE COUNTILCONTO.					
Bernard Podolsky	Lyle King #1	330'S 330'W NEC SW SE	3330'	6-5-85	G.L. 401'
Maybe Oll, Inc.	Shannon #1	33018 3301W NEC SW	33001	11-13-85	G.L. 449'
III. Basin Exploration, inc.	Bumgarner #1	330'S 330'E NWC NW SW SW	48001	10-23-85	6.1. 511'
K. Leon Hagen	Busey-Brown Comm. #1	330'N 330'E SWC NW NE	36001	7-9-85	G.L. 501'
B. L. Miller	Copiln #2	330'S 330'E NWC SE SW	35501	7-10-85	G.L. 465'
Humbol† 0il, Inc.	E. Laughlin #1	330'S 330'W NEC NE SE SE	35461	1-31-85	G.L. 4891
Booth 011 Co., Inc.	D. McGrew #5-B	330'N 330'N SEC SW NE	36331	6-18-85	G.L. 482'
Booth Oil Co., Inc.	McGrew #7-8	330'S 980'E NWC SW NE	36301	6-19-85	G.L. 466¹
Booth Oil Co., Inc.	L. P. Cook #1-B	350°N 66°D SWC NW SW	36301	6-14-85	G.L. 470'
Robinson Engineering	Alice Mix #1	330'S 330'N NEC SW SE	31931	10-1-85	G.L. 443'
Booth 0il Co., Inc.	Yates-Molt #2-A	350'N 350'N SEC 350'N SEC 350'N SEC	34621	2-6-85	G.L. 449'
Union Oil Co. of California	Amy G111 #3	565. 29 2N /E 657'S 408W NEC Fr. NW	31111	5-30-85	6.1.
J. W. Rudy Co.	G. Hosselton #1	590'N 52'N SE SW	38401	7-26-85	G.L. 442'
Union Oil Co. of Callfornia	Carl Hosselton #1-A	500'S 582'W NEC SE NW	19861	6-6-6	D.F. 457'
Union Oil Co. of California	Carl Hosselton #2-A	565. 51 2N 0E 662.5 530 NE SE NW	31151	7-18-85	G.L. 4581
Ada Oil Co.	D. Walker #1	330°N 320°S	37901	11-6-85	G.L. 436'
Union Oll Co. of California	Victor Behymer #3	29C; 24 2N 0E 70'N 57 2N OF	31061	9-12-85	G.L. 454'
Glover 011 Co.	Mary Campbell #A-2	3-60, 3-20 M SEC NE NE Sec. 33 2N 8E	31201	5-16-85	G.L. 467'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
WAYNE COUNTY(contd.)					
Union Oil Co. of California	Charles 0. Schoffeld #1	663'N 2319'W SEC NE	3070	6-4-85	D.F. 447'
Wabash Partnership, Ltd.	Kinkade Comm. #1	360. 33 30 NW	3204	10-23-85	G.L. 411'
Farrar 011 Co., Inc.	Osterman #1	350*N 330*E SWC SE NW	33201	4-29-85	G.L. 416'
Farrar Oil Co., Inc.	Coil #1	Sec. 26 2N 9E 33015 3301W NEC SW NE	30501	7-3-85	G.L. 4611
Prospect Oil Development Corp.	A. Peddicord #1	Sec. 6 15 5E 33015 3301W NEC	39001	2-22-85	G.L. 437'
George Manda & John Corso	G. Smith #1	Sec. 23 15 35 42215 3301W NEC NW SE	31341	5-6-85	G.L. 491'
Bufay Oil ⊙.	Koker Etal #1	Sec. 28 15 5E 33015 3301W NEC SW SE	32251	12-9-85	G.L. 4411
G & L Oil Production Inc.	Kenneth Feather #1	330'S 330'W NEC SE SW	39001	8-5-85	G.L. 444'
Jerry E. Friend	Loftin #1	330'S 330'E NWC SE NE	40401	12-28-85	G.L. 437'
Ernest Sherman	L. Simms #1	Sec. 24 15 0E 660'S 330'E NWC SE SE	32381	2-13-85	G.L. 4431
Exsel 011 Co. Inc.	Martin #2	Sec. 24 15 6E 990'N 330'W SEC SW	32801	9-20-85	G.L. 427'
J & H 011 ℃.	Ralston #2-A	330*N330*E SWC NE	32851	6-26-85	G.L. 425'
Jerry E. Friend	Walker #!	590.5 350'W NEC NW	40301	8-2-85	G.L. 427'
S & B Exploration, Inc.	Betty Barnard #1	360. 30 15 0E 330*N 330*E SWC SE	32601	2-6-85	G.L. 449'
Jerry E. Friend	H. Holman #1	Sec. 2 15 /E 330*N 330*W SEC NE	3975	12-26-85	G.L. 475'
Amosoil, Inc.	Blackburn #1	Sec. 6 15 /E 990'N 330'E SWC SE	3168	9-24-85	G.L. 408"
Murvin 011 Co.	Ellis #1	Sec. 12 15 /E 66015 3301W NEC SW NW	31951	4-4-85	G.L. 437'
Hubert W. Rose	Flexter Heirs #1	Sec. 14 15 /E 330'S 330'W NEC SE Sec. 15 1S 7E	31951	9-13-85	G.L. 427'

TOTAL DATE ELEVATION DEPTH PLUGGED		3315' 2-7-85 G.L. 436'	3352' 7-9-85 G.L. 470'	4000' I-15-85 G.L. 447'	4014' 2-28-85 G.L. 440'	3310' 4-4-85 G.L. 423'	1067' 9-6-85 G.L. 436'	3950' 1-2-85 6.L. 423'	3300' 11-2-85 6.L. 427' 5	3125' 5-16-85 6.L. 415'	3065' 2-16-85 6.L. 463'	3400' 3-27-85 G.L. 443'	3950' 2-20-85 G.L. 443'	4060' 1-22-85 6.L. 487'	3340' 4-2-85 G.L. 483'	3995' 10-22-85 6.L. 464'	3327' 6-2-85 6.L. 458'	4020' 9-18-85 6.L. 441'	3286' 9-16-85 G.L. 432'	
LOCATION		330'N 330'W SEC NW SE	Sec. 15 15 /e 330'N 330'W SEC NW NE	350'N 350'N SWE SW	330'N 330'E SWC NW NW	350'S 320'N NEC SW NW	330'S 330'E NWC NE	350'S 320'E NWC SW NE	350'S 350'W NEC SE NW	380'S 32'E NWC NE NW	330'N 330'E SWC SE SE	3301N 3301E SWC NE NE	330'S 330'S NWC NE	330'N 480'E SWC NE SW	330'S 330'E NWC SW SE	330'S 330'W NEC SW	350'S 330'E NWC SW NW	Sec. 29 15 7E 330's 330'w NEC NW SE	Sec. 30 IS 7E 330'S 330'E NWC NE SE	Sec. 30 IS 7E
WELL NAME		Laurel McDaniei #1	J. Straub #3	Dennis Brandt #1	J. Copeland Comm. #2	J. Copeland Comm. #3	Purl Spriggs #3	Tom Tetrich #1	Tom Tetrich #2	W. Smith #1	C. Vaughn #1	Viola Johns #1	Arthur Riley #1	Towns #1	Tullis #2	Blessing #1	Manahan #2	Craig Trust #1	Craig Trust #2	
OPERATOR	WAYNE COUNTY(contd.)	Van Fossan Oil Associates	Dean N. Basnett	Van Fossan Oil Associates	Eagle Land Development, Inc.	Eagle Land Development, Inc.	Van Fossan Oil Associates	Van Fossan Oil Associates	Van Fossan Oil Associates	Humbol† 011, Inc.	Midwest Oil Producers	Van Fossan Oil Associates	Van Fossan Oil Associates	Mid-West Oil Producers	Mid-West Oil Producers	Kalser Energy, Inc.	Jerry E. Friend	Jerry E. Friend	Jerry E. Friend	

OPERATOR	WELL NAME	LOCATION	ТОТАТ	DATE	ELEVATION
MANIE COUNTY (CONTACT)					
Mirvin Oil Co.	R. Bera #1	990'N 330'E SWc	32351	10-25-85	G.L. 418'
Coy 011, Inc.	F. F. Fleming #1	Sec. 4 IS 8E 330'N 330'E SWc NW SE	31951	10-2-85	D.F. 407'
Coy 011, Inc.	C. W. Robbins #2	Sec. 8 1S 8E 330'N 330'W SEc SW SW	30851	10-3-85	G.L. 408'
0. J. Oil Corp.	Dale Wylie #1	Sec. 8 15 8E 330'N 660'E SWC NE	31981	8-28-85	G.L. 3861
Lake Michigan Exploration Co.	Wylie #1-A	56C. 11 5 8E 500'N 425'E SWC	38361	8-29-85	G.L. 432¹
Lake Michigan Exploration Co.	Wylie #3	330'N 990'W SEC SW	3862 1	8-27-85	G.L. 401'
D & K 011 ℃., Inc.	John Jones #1	330'N 330'W SEC NE	43601	8-7-85	G.L. 3811
Floyd E. Thompson 011 Co., Inc.	Kunce #1	350'S 350'E NWC NE	32451	10-4-85	G.L. 4381
Amosoil, inc.	0, E. Borah #1	330'N 330'W SEC NW	32651	12-11-85	D.F. 431'
Amosoil, Inc.	0. E. Borah #8-1	330'S 330'W NEC SE NW	31941	12-16-85	D.F. 440'
Midwest Oil Producers	W. Andrews #1	330'S 330'W NEC SE SE	40751	8-21-85	G.L. 483'
Robinson Production, Inc.	Dawson-Sprigg Cons. #1	330'S 990'E NWC SW	40401	4-13-85	G.L. 506°
Bernard Podolsky	Doc Weaver #1	350'S 350'E NWC SW SW	41011	9-13-85	G.L. 440'
Lynn Roy Harrîs	R. Mason #1	330'N 330'W SEC	3475	11-5-85	G.L. 436'
Jerry E. Friend	Eilis Bailey #i	330'S 0 13 9E 330'S 310'W NEC SE NE	34701	11-14-85	G.L. 407'
Maybe Oil, Inc.	Heidinger #8-1	350.5 350.5 SEC. 17 13 9E	33004	10-20-85	G.L. 381'
Triple C 011 Producers, Inc.	Ricketts Etal #1	330'S 330'S WC SW	19801	7-20-85	6.1. 371'
Triple C Oil Producers, Inc.	Ricketts Etal #1-A	sec. 20 13 % 390'S 330'E NMc SW Sec. 20 1S 9E	3290*	7-25-85	6.1. 371'

ELEVATION		6.1. 380'	6.1. 385'	G.L. 384'	6.1. 452"	G.L. 496'	G.L. 409'	G.L. 390'	G.L. 392'	6.1. 417'	6.1. 393'	6.1. 389'	6.1. 396'	G.L. 408'	G.L. 393'	6.1. 379'	G.L. 377*	G.L.	G.L. 465'	
DATE		7-30-85	6-13-85	6-27-85	12-13-85	6-20-85	7-11-85	10-17-85	10-21-85	9-13-85	12-19-85	8-28-85	8-7-85	7-13-85	7-19-85	9-24-85	9-20-85	9-25-85	11-15-85	
TOTAL		3350'	3410*	35001	31701	3172'	5287	34001	34001	4130	53451	3410*	53901	34001	3393*	4171*	41901	41651	33631	
LOCATION		990'N 330'W SEC SW NW	330'N 330'W SEC NW SE	330'N 330'E SWC SE	330'S 330'W NEC SW SW	330'S 330'E NWC SW NW	330'N 330'W SEC SW	330'S 330'E NWC SE	330'N 330'E SWC SE	990'S 330'W NEC NW NE	330'N 330'E SWC SE SE	330'S 330'W NEC NW NE	345'N 430'E SWC SE SE	330'S 365'W NEC NW NE	330'N 330'E SWC SE NW	330'S 330'E NWC SW SW	330'N 330'E SWC	330'N 330'E SWC SE SE	330'N 330'W SEC NW NW	Sec. 3 2S 8E
WELL NAME		Harold Bunnage #A-I	Borah #2	Devah Spiller #1	McKinney #1	Braddock #1	Neff #2	Blackburn-Thomas #2	McClanahan Etal #1	R. D. Bruce #62-19	Keltner #1	Echols Etal #1	Mayberry #1	Redd #1	J. E. Nelson #1	W. S. Lawrence #1	Lawrence #1-A	Lawrence #3	Oren Cox Etal \$2	
OPERATOR	WAYNE COUNTY(Contd.)	Moore Engineering & Prod. Co.	Ronald R. Jones	S & B Exploration, Inc.	Dwight Brehm Resources	John T. Mitchell	Clarence Sherman	Art Buchanan	Van Fossan Oil Associates	Gerber Energy Corp.	American Petro Production	Bufay 011 Co.	Dwight Brehm Resources	Farrar Oll Co., Inc.	Murphy 0il Co.	Friend Energy Corp.	Friend Energy Corp.	Friend Energy Corp.	Van Dyke Oil, Inc.	

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
WAYNE COUNTY (contd.)					
S & B Exploration, Inc.	Cecil Simpson #1	330*N 330-W SEC SW NW	3380'	8-26-85	G.L. 445'
Howard Energy Corp.	Allen Wilson #A-I	330'N 330'E SWC NE SW	33181	7-13-85	G.L. 401°
Heflin OII Co.	Bryant Etal #1	330'N 330'E SWC SE	33451	5-21-85	G.L. 422'
S & B Exploration, inc.	Boze Heirs #1-A	330'N330'E SWC NE NW	34601	6-21-85	G.L. 474'
Heflin Oil Co.	Lasater Etal #1	330°N 330°E SWC SE SW	34101	10-11-85	G.L. 400'
Fairfield Oil Co.	Shreve #2	330'v 330'w SEC SW NE	4194'	11-26-85	G.L. 494'
Fairfield Oil Co.	Simpson #1	Sec. 23 25 0E 66012 3301W NEC SE	4150'	12-3-85	G.L. 454'
George N. Mitchell Prod. Co.	Mann #1	Sec. 55 25 8E 330'S 660'W NEC SW	3443'	5-7-85	G.L. 387' 652
McDowell Bros. 011 Co., Inc.	Etta 0-er #1	330'S 330'E NWC NE	34551	9-14-85	G.L. 399¹
Gem Oil & Gas Co., Inc.	Leroy Sams #1	330' 3 20' W SEC SW SE	33931	7-19-85	G.L. 393'
Ronald R. Jones	Gregory #1	330'S 405'W NEC NW NE	33971	8-9-85	G.L. 382'
Shakespeare Oil Co., Inc.	Eliza Lewis #1	330'S 330'E NWC SW SE	34831	1-12-85	G.L. 451'
San-Mar Oil Corp.	Frank Seifert Sr. #1	Sec. 19 23 9E 3301N 3501W SEC NW	3475 '	7-3-85	G.L. 400'
Jerry E. Friend	Esther Allison Estate #1	330'S 660'E NWC NE NW	33001	9-11-85	G.L. 404°
Joe A. Dull	James Allison #1	360. 30 % NEC NW NW	33881	12-4-85	G.L. 423'
111.Mid-Continent & Dee Drig. Co.	E. H. O'Daniel #4	330*N 330*E SWC SE NE	35001	5-23-85	G.L. 382°
	O'Daniel Trust #1	350'S 350'W NEC SE SE	42901	5-17-85	G.L. 381'
RK Petroleum Corp.	Morris #1	Sec. 35 25 9E 330'N 330'W SEc	43701	7-6-85	G.L. 375'
RK Petroleum Corp.	Skillet Fork Farms #1	Sec. 14 3S 7E Sec. 14 3S W SEC NW NE Sec. 14 3S 7E	35001	8-26-85	G.L. 372'

ELEVATION		1381	1929	,691	1568	,911	178,		260		1251	,629	1869	147'	. 101	, 291	,091	1911	134	,001
ELEV		G.L. 438	6.1. 376'	G.L. 469*	6.1. 395'	G.L. 416°	G.L. 478°			G.L. 435	G.L. 425	6.1. 379'	6.1. 398'	G.L. 447'	G.L. 401	G.L. 462*	G.L. 460°	6.1. 451	G.L. 434	G.L. 400'
DATE		2-15-85	7-16-85	5-7-85	11-13-85	9-12-85	5-14-85			11-16-85	2-9-85	5-13-85	12-12-85	12-6-85	10-24-85	1-14-85	9-25-85	12-2-85	4-24-85	6-27-85
ТОТАL DEPTH		4150	42891	4271	3402	4237'	35421			4474*	45001	35001	4225'	4254	42501	36121	36141	4242	4315*	32861
LOCATION		330'N 330'N SEC SE SW SW	330'N 330'E SWC SW SW NE	33015 3301E NWC SW	330'S 330'E NWC SE SW	560'N 330'W SEC SW NW	330's 330'W NEC SE SE NW	Sec. 17 35 9E		616 th 514 th SEC NW	990'S 330'W NEC NW NE	530'N 530'W SEC NE SE	530'N 330'E SWC NE NW	330'S 660'E NWC SW SW	560'N 330'W SEC NW NW	530'N 330'E SWC SE NW	330'N 330'E SWC NE SE	550'S 530'W NEC SE NE	530'S 530'W NEC NW SE	Sec. 33 53 9E 66015 3301W NE Sec. 22 35 10E
WELL NAME		Nordmann #4	Johnston #1	Pollard Etal #1	A. Musgrave #1	P. Walker #1	Wildon Harris Etal #2			Walter Puckett #1	Paul Files #1	Norbert Johnson #1	Doyle Williams #1	Floyd Rister #1	Taylor #1-A	Smith #1	Robert J. Williams #1	Albert Hon #1	Ivan Elliott #i-B	Kershaw #1
OPERATOR	WAYNE COUNTY (contd.)	Gunner Energy Corp.	Homco, Ltd.	Stan-X 011 Co., Inc.	Gordon T. Jenkins	Mid-America Petroleum Corp.	Ram Oil Co.		WHITE COUNTY	Blue Matrix Oll Production, Inc.	Ashland Exploration, Inc.	Prospect 011 Development Corp.	J. Roy Lohmann Drilling, Inc.	Ernest Exploration, Inc.	Gordon T. Jenkins	Doral Energy, Inc.	Wilpro	D & K 011 Co., Inc.	D & K 011 Co., Inc.	Little Egypt Petroleum, Inc.

OPERATOR	WELL NAME	LOCATION	ТОТАL DEPTH	DATE	ELEVATION
WHITE COINTY (contd.)					
Craden, Inc.	Melvin Hortin #4	405'S 330'W NEC NW NE	4035	1-29-85	6.1. 425'
Parks & York Drilling Co.	E. H. Morris #1-A	Sec. 24 35 10E 330 N 330 E SWG NE SE	31061	8-20-85	6.L. 418'
Parks & York Drilling Co.	E. H. Morris #C-3	350'N 330'W SEC NE SE	3092	8-20-85	G.L. 407'
Modern Explorations	Potter #1-A	Sec. 25 35 10E 900*N 990*N SEC SW NW	41001	8-30-85	G.L. 470°
Fidelity Energy Resources, Inc.	Rhinehart #2	350'S 400'E NWC NE NW	28601	2-15-85	G.L. 447'
Newport Petroleums, Inc.	Lamont Etal #1-8	350'N350'W 550'N350'W	4108*	4-27-85	G.L. 439'
Petro Union, Inc.	Leona Miller #1	350'S 330'W NEC NE SE	3242'	6-14-85	G.t. 377'
BWI, Partnership	Tom Ridenour #1	350'S 530'N NE NW NE	3250"	7-27-85	G.L. 406' 193
Midwest Oil Producers	G. Ward #2	330'N 330'W SEC SE NE NE	32301	4-25-85	G.L. 434'
Craden, Inc.	Groff #1	330'N 330'W SEC NW NW	40181	6-25-85	G.L. 4511
Louis A. Pessina	K. F. Wiseman #3	Sec. 35 35 10E 1004'N 351 SWC	39501	6-17-85	G.L. 412°
Fisk & Fisk Oil Producers	E. H. Morris Fee #3-D	56C. 19 55 14W 330'N 330'E SWC SE NW	3044"	10-18-85	G.L. 402'
Gerber Energy Corp.	Roser Unit #1	350's 230'W NEC SE	34661	9~5~85	G.L. 382¹
Brown Enterprises	Brown-Curd #2	350'S 4'S 0E 330'S 990'W NEC SE SW	3557	8-28-85	G.L. 377"
McKinney Oil Producer, Inc.	Duckworth #1	56c. 3 45 BE 3301S 3301E NWC SW SE	35201	7-11-85	G.L. 380'
Gerber Energy Corp.	M. E. Garrett #75-16	350'S 350'E NWC NE SE	33801	9-17-85	G.L. 384'
Gerber Energy Corp.	M. E. Garrett #86-16	350'N 330'W SEC NE SE	33811	9-18-85	G.L. 387'
McKinney Oil Producer, Inc.	South #1	350'S 330'W NEC SW Sec. 16 4S 8E	35501	7-10-85	G.L. 386'

OPERATOR	WELL NAME	LOCATION	ТОТАГ	DATE	ELEVATION
WHITE COUNTY(contd.)					
McKinney Oil Producer, Inc.	York #1	33015 3301W NEC SE SE	3418'	5-13-85	G.L. 408'
Prospect 011 Development Corp.	Raymond Taylor #1	330'S 330'W NEC SW SW	35401	10-31-85	G.L. 3961
Van Fossan Oil Associates	Chris Fleck #1	330'N 330'E SWC SE NW	3520'	4-5-85	G.L. 383*
C. E. Brehm Drig. & Producing	Hubble #1	Sec. 20 43 dE 330'N 350'W SEC SW NW	3528'	7-14-85	G.L. 382'
C.E. Brehm Drld. & Producing	Hubble #2	330'W 43' OC 330'W 45' E NWC SW	35321	8-20-85	G.L. 382'
Mid-America Petroleum Corp.	R. Brown #1-A	330'S 330'E NWC NE SW	3435	9-27-85	G.L. 462'
Ernest Exploration, Inc.	Larry Williams Etal #1	330'S 330'S NWC NE NE	35001	1-22-85	G.L. 409'
Hydrocarbon Investments, Inc.	Jesse King #1	330'S 43'S F NWC SW NE	35401	7-3-85	G.L. 394'
0.M.M. Oil Producers, Inc.	Archie Brown #2	330'N 343 9E 330'N 320'E SWC NE	1116	10-8-85	G.L. 394'
D & K 011 Co., Inc.	Norman Winter #1	350'S 350'W NEC SE	35801	2-28-85	G.L. 400'
Wike Beeler 011 Co.	Norbert Barbre #1-A	330'S 330'S SW NW	35381	7-1-85	G.L. 421'
Mike Beeler 0il Co.	Jones #2	330'S 660'W NEC NW	35501	6-18-85	G.L. 442*
Jim Haley Production Co.	Lewis Whetstone #2	330'S 90'W NEC SW	4197	7-24-85	G.L. 414'
Keron Oil Development	Winter-Barbre Unit #2	560'N 330'E SWC NE SE	33621	5-20-85	6.1.389
Oil investments, Ltd.	Brown-Ziegler #2	Sec. 24 45 9E 330'N 330'W SEC NE SW	2650"	5-17-85	G.L. 4311
Koontz Services, Inc.	W. F. Lamont #1	330'S 330'E SWC SE SW	4117	6-26-85	G.L. 411'
Shakespeare Oil Co., Inc.	Gary Ridenour #1	330'S 330'E SW	31601	4-18-85	G.L. 410'
Laurent 0il Co.	William Lamont #1	39C, 11 43, 10E 33O, 5 60' 10E Sec. 12 45 10E	3375'	10-28-85	G.L. 448'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
			DEFIR	PLUGGED	
WHITE COUNTY(CONTG.)					
Viking Oil Co.	Finch Etal #2	330'S 330'E NWC SE SW	32251	6-3-85	G.L. 459"
The French Creek Co.	Higginson #1	330'N 990'E SWC SE	4225"	1-10-85	G.L. 404"
Herman L. Loeb	J. A. Rister #1	330'S 330'E NWC SE NE	41301	7-11-85	G.L. 384'
Richard W.Beeson	Taylor #1	330'N 350'W SEC NE SW	32851	6-8-85	G.L. 3901
French Creek Co.	Goodman #2	30'S 335'W NEC NW SE	32281	6-26-85	G.L. 401*
French Creek Co.	Long #1	330 N 340 I SWC	3201	1-9-85	G.L. 390'
T. W. George Trust	Winter Etal Comm. #1	4551 230 W NEC SE	42001	8-7-85	G.L. 376*
William Terrell	Lamont #2	350'N 330'W SEC SE SW	3950*	6-19-85	G.L. 420*
Superior 011 Co.	George Lomas #4	330 12 330 1 1 1 SW SW SA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22431	11-19-85	D.F. 378'
Superior Oil Co.	E. M. Fitton #80	330'S 330'W NE SW NE	40121	10-9-85	D.F. 371'
Superior Oil Co.	Greathouse #8-4	330'N 330'E SWC NE SE	31601	11-10-85	G.L. 536'
Paramount Oil & Gas Corp.	BIII Dosher #1	330 'N 350 'W SEC NW SW	4225 '	5-27-85	G.L. 411'
Carl №. Hubbartt	Edward Bleeks #1	330'S 350 E NWC SE	3340'	10-7-85	G.L. 415'
Prospect Oil Development Corp.	Gerald Healy #1	330'N 330'S SWC SE SE	35201	1-12-85	G.L. 460°
Able Energy Co., Inc.	Lawrence W. Unfried #1	330'N 330'N SE SWC NE NE	3387'	7-8-85	G.L. 466'
Able Energy Co., Inc.	Carl Wilson Comm. #2	330'N 330'N SE SWC NW NE	46201	7-11-85	G.L. 491'
Able Energy Co., Inc.	Robert J. Wilson Comm. #4	330'S 330'S W NEC SW NE	3340*	7-9-85	G.L. 462'
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OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION
WHITE COUNTY(contd.)					
Coy 011, Inc.	Chelsea Erkman #1	330'N 330'E SWC SE NE	32601	6-21-85	G.L. 400'
Jordan Oil & Gas Co.	Stan Williams #1	Sec. 24 35 8E 330'S 330'E NWC	40004	4-16-85	G.L. 447'
Prairle Energy, Inc.	Richard Gates #2	330'S 330'W NEC SW	35001	11-21-85	G.L. 463'
Van Fossan Oll Associates	ire Ward #1	660'N 350'W SEC	33201	2-14-85	G.L. 405'
Robinson Engineering	Florence Myers #1	990'N 35' 9E 990'N 35' E SWC SE NE	33601	4-29-85	G.L. 449¹
J. W. Rudy Co.	Glen Pfister #2	Sec. 20 55 9E 41015 3301E NWC SE SE	32481	9-6-85	6.1. 376'
J. W. Rudy Co.	Glen Pfister #1	36C. 25 55 9E 330'S 330'E NWC NE	3265'	9-4-85	G.L. 477'
Jordan Oil & Gas Co.	Elliott Unit #1	350'S 885'W NE NW NE	3420'	4-28-85	G.L. 4531
Harris Operating Co., Inc.	W. C. Botsch #1	Sec. 55 55 9E 990'S SEC NWC SE SW	32551	8-17-85	G.L. 372'
Richard W. Beeson	Williams #2	Sec., 5 35 106 330'N 350'W SEC NW NE	3210'	7-14-85	G.L. 375'
Hydrocarbon Investments, Inc.	Lawrence Brown #1-A	330'N 890'W SEC NE	23501	7-21-85	G.L. 366'
Strata Oil Inc.	McKnight Etal Unit #1	330'S 330'W NEC NW NW	32381	11-22-85	6.1. 373'
Tamarack Petroleum Corp., Inc.	William P. Hanna #1	350'S 330'W NEC SE NW	31011	10-22-85	G.L. 392'
Tamarack Petroleum Corp., Inc.	Hanna #2-A	Sec. 29 55 106 330'n 330'E Swc NW NE	10781	11-1-85	6.1. 385'
Tamarack Petroleum Corp., Inc.	Hanna #3-A	Sec. 29 55 10E 330'N 330'E SWC SE NW	3105	11-7-85	G.L. 390°
Tamarack Petroleum Corp., Inc.	Hanna #5-A	330'S 330'E NWC SE NW	18981	10-18-85	G.L. 389'
Tamarack Petroleum Corp., Inc.	Hanna #6-A	350'S 330'W NEC SW	18501	10-29-85	G.L. 391'
Tamarack Petroleum Corp., Inc.	Hanna #7-A	Sec. 29 5S 10E 330'N 330'W SEC NW 580'. 29 5S 10E	1881	10-17-85	G.L. 390'

OPERATOR	WELL NAME	LOCATION	TOTAL	DATE	ELEVATION
WHITE COUNTY(contd.)					
Tamarack Petroleum Corp., Inc.	Hanna #8-A	660'N 330'E SWC NE	1847*	10-31-85	G.L. 392°
Tamarack Petroleum Corp., Inc.	Hanna #9-A	360, 29 55 10E 330'S 330'E NWC SE NE	21211	11-6-85	6.1.386'
A-Tek Drig. & Prod. Co.	Clark Williams Etal #2	Sec. 29 35 10E 38015 3301 N NEC SE NW	741'	7-22-85	G.L. 373'
Hamilton 011 Corp.	Gergory E. Kempf #1	330'S 350'E NWC NE SW	31501	2-19-85	G.L. 368'
Keron 011 Development	Ackerman #1	330'N 330'E SWC SE NE	31751	9-30-85	G.L. 366†
Modern Explorations	Phillips #1	900'N 350'W NEC SW SE	4440*	8-24-85	G.L. 397¹
R. D. Production	Cahill-Wilson Comm. #4	330'N 66'E SWC NE SW	40004	12-22-85	G.L. 408°
Degognia Drilling, Inc.	Richard T. Floyd #1	350'S 350'S NEC	33411	10-1-85	G.L. 490°
Hamilton Oil Corp.	Hunt-Weasel Etal Unit #2	330'S 250'W NEC SW SE	30961	5-31-85	G.L. 352†
Wood Energy, Inc.	Renn #1	330'N 990'E SWC	32161	2-13-85	G.L. 432'
Gem Oil & Gas Co., Inc.	Sutton Austin Unit #1	560'N 330'E SWC NE	42001	7-15-85	G.L. 447'
William R. & Phyllis Becker	Ackerman #1	5659'S 659'E NWC SW SE	11251	7-18-85	G.L. 364
Absher 011 Co.	Karch #2-A	350'N 390'E SWC NW SE	29201	10-30-85	G.L. 368'
C. F. Rebstock	Palestine Sand Unit #10	330'S 330'W NEC SE	2027	1-31-85	G.L. 380°
Strata Oil, Inc.	Sturm #1	330'N 330'W SEC NE SW	39591	6-24-85	G.L. 366'
Jordan Oll & Gas Co.	Kenneth Woolsey #1	56C'S 120 E NW SE NW	3252	12-21-85	G.L. 357 <sup>†</sup>
Murphy 011 Co.	Scates #1	350'N 630'W SEC	3031	9-27-85	G.L. 358'
Bernard Podolsky	Harriet Vaught #2	36C. 34 05 IUE 35C. 33C W NEC NE SE SW 56C. 7 65 IIE	4000	10-23-85	G.L. 363'

# WELLS PLUGGED IN 1985

OPERATOR	WELL NAME	LOCATION	TOTAL DEPTH	DATE	ELEVATION	
WHITE COUNTY(contd.)						
Trinity Oil Corp.	Delap #1	330'S 330'W NEC SW SW	6251	11-13-85	G.L. 378'	
Rector 011 Co.	G. Wade "R" #1	330'N 330'W SEC NE SE	3145"	7-25-85	6.1. 397'	
Rector 011 Co.	Wade "R" #2	330'N 380'W SEC NE	2782'	7-23-85	G.L. 382'	
C. E. Brehm Drig. & Producing	Delap #1-A	330'330'E SWC NW SE	3156'	7-26-85	G.L. 372'	
C. E. Brehm Drlg. & Producing	Roy Delap #C-1	350'S 330'W NEC SE SW	4175	5-15-85	G.L. 374'	
Van Fossan Oil Associates	Steve West #4	350'S 330'E NWC	31001	4-14-85	G.L. 377'	
Van Fossan Oli Associates	Steve West #6	36C, 9 75 0E 330'N 330'E SWC NW	31001	7-3-85	6.1. 371	
R.E.A., Inc.	Herbert Ellison #1	33015, 3301E NWC SE NE	33001	9-12-85	6.1. 415'	
Midwest Oil Producing Co., Inc.	Cyril Carroll #1	3301S 3301W NEC	31061	10-3-85	6.1. 367'	
Strata 011	D. O'Neal #1	330'N 330'E SWC NW SW	33151	4-19-85	6.1.	
Strata 011	D. O'Neal #2	350'N 330'W SEC NW SW	3356'	4-18-85	6.1. 523'	
Strata OII	Dillard O'Neal #7	330'S 990'E NWC SW	39981	4-28-85	6.1. 511'	
Basin Energy Corp.	Golden #B-2	340'N 330'E SWC NW	31651	10-15-85	G.L. 486'	
Basin Energy Corp.	Sutton #5	33015 3301W NEC SE SE	31301	10-5-85	G.L. 451'	
Robinson Engineering	John Wilson #3	330'S 990'W NEC SW	31201	10-17-85	G.L. 394'	
DAPA 011, Inc.	Baumgart Trust #1	Sec. 17 73 9E 6601S 330'W NEC SW SW Sec. 2 7S 10E	30191	12-20-85	G.L. 356'	
WILLIAMSON COUNTY	1					
Victor R. Gallagher	Henshaw #1	330'S 330'E NWc Sw SE Sec. 15 8S 4E	3160'	2-12-85	6.1. 518'	

# WELLS PLUGGED IN 1985

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ELEVATION	6.1. 538'	
DATE	1-15-85 8-1-85	
TOTAL	7250'	
LOCATION	990'N 330'E SWC SE SW Sec, 28 88 4E 430'N 2310'E SWC SW Sec. 53 8S 4E	
WELL NAME	Esther Ritchey #1 Arco-William Jones #1	
OPERATOR	WILLIAMSON COUNTY(confd.) Atlantic Richfield Co. Atlantic Richfield Co.	

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the application of )
Tim Walker d/b/a Walker Oil Company )
to drill the Bishop #1 well located ) HEARING ORDER NO. 311
in Section 3, Township 8 South, Range )
6 East, Saline Country, Illinois.

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 10:00 A.M., Monday, January 7, 1985.

Present for the hearing for the State Mining Board was Mr. George R.

Lane, Hearing Officer. Also present was Mr. Tim Walker, applicant. No one
appeared on behalf of Sahara Coal Company, Inc., objector.

The State Mining Board having heard the oral testimony of witness duly sworn, having examined letter of objection and being fully advised in the matter finds:

That the application filed by Tim Walker d/b/a Walker Oil Company to drill the following described well to be known as:

Bishop #1 well to be located 330 feet North and 330 feet East of the Southwest corner of the Northeast quarter of the Southwest quarter of Section 3, Township 8 South, Range 6 East, Saline County, Illinois,

should be granted.

IT IS THEREFORE ORDERED that the application filed by Tim Walker d/b/a Walker Oil Company to drill the following described well is approved and permit is granted.

Bishop #1 well to be located 330 feet North and 330 feet East of the Southwest corner of the Northeast quarter of the Southwest quarter of Section 3, Township 8 South, Range 6 East, Saline County, Illinois.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Hearing Officer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 9th day of January, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the applications of ) Wollner, Tobill & Rinsch to form drilling units to authorize the drill-) ing of the Ewing Heirs-Reinbold Etal ) #1 and #2 wells located in Section 31, ) Township 6 North, Range 11 West, Crawford County, Illinois. )

HEARING ORDER NO. 312

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:00 A.M., (C.S.T.), on the 28th day of November, 1984. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present were Keith Tohill, Ralph Rinsch, and Barnard Mickey, all on behalf of the applicant. No one appeared on behalf of the objector.

The Statc Mining Board having considered the oral testimony of witnesses duly sworn and having examined the letter of objection, and being fully advised in the matter of the applications of Wollner, Tohill & Rinsch for an integration order to establish 10 acre drilling units each described as follows for the following described wells:

Southeast quarter of the Northwest quarter of the Northeast quarter to authorize the permit for the following described well:

Ewing Heirs - Reinbold Etal #1 well located 330 feet North and 330 feet West of the Southeast corner of the Northwest quarter of the Northeast quarter of Fractional Section 31, Township 6 North, Range 11 West, Crawford County, Illinois,

and

Southwest quarter of the Northwest quarter of the Northeast quarter to authorize the permit for the following described well:

Ewing Heirs - Reinbold Etal #2 well located 330 feet North and 330 feet East of the Southwest corner of the Northwest quarter of the Northeast quarter of Fractional Secton 31, Township 6 North, Range 11 West, Crawford County, Illinois,

finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the applications of Wollner, Tohill and Rinsch should be granted.
- That the parties involved should integrate their interest in their development of their lands.
- IT IS THEREFORE ORDERED that a drilling unit consisting of the Southeast quarter of the Northwest quarter of the Northeast quarter of Fractional Section 31, Township 6 North, Range 11 West, Crawford County,

Illinois is established and Wollner, Tohill & Rinsch is authorized to drill a well on said drilling unit to be known as the Ewing Heirs - Reinbold Etal #1 well located 330 feet North and 330 feet West of the Southeast corner of the Northwest quarter of the Northeast quarter of Fractional Section 31, Township 6 North, Range 11 West, Crawford County, Illinois, and that a drilling unit consisting of the Southwest quarter of the Northwest quarter of the Northeast quarter of Fractional Section 31, Township 6 North, Range 11 West, Crawford County, Illinois, is established and Wollner, Tohill & Rinsch is authorized to drill a well on said drilling unit to be known as the Ewing Heirs - Reinbold Etal #2 well located 330 feet North and 330 feet East of the Southwest corner of the Northwest quarter of the Northeast quarter of Fractional Section 31, Township 6 North, Range 11 West, Crawford County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling the objectors and operator agree to terms of participation in the wells, these terms may be substituted for this forced integration order. If the objector elects to participate in the well he must enter into an agreement with the operator, and this agreement must be filed with the Mining Board prior to commencement of drilling of the wells. Failure to reach an agreement will necessitate the participation to be on the following basis.

IT IS FURTHER ORDERED that Wollner, Tohill & Rinsch shall drill the said wells and that Betty L. Brown shall participate in the drilling unit described above to the extent of .08333 of the 7/8ths working interest and to the extent of .08333 of the 1/8th royalty interest in the drilling unit; and that Mary Young shall participate in the drilling unit described above to the extent of .08333 of the 7/8ths working interest and to the extent of .08333 of the 7/8ths working interest and to the extent of .08333 of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96i of the Illinois Revised Statutes. The participation factor is determined to be:

8.333% of the costs and expenses of all surface equipment and
 8.333% of the costs of operating the well concerned with the first
 production to be borne by Betty Brown and 8.333% of the costs and
 expenses of all surface equipment and 8.333% of the costs of

operating the well concerned with first production to be borne by Mary Young, and 83.334% of the costs and expenses of all surface equipment and 83.334% of the costs of operating the well concerned with first production to be borne by Wollner, Tohill & Rinsch.

2. 12.4995% of actual costs and expenses of drilling, testing and completing the well to be borne by Betty Brown and 12.4995% of actual costs and expenses of drilling, testing and completing the well to be borne by Mary Young, and 75.001% of actual costs of drilling, testing and completing said well to be borne by Wollner, Tohill & Rinsch.

If you have any questions pertaining to this matter, please contact Mr.

George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 18th day of January, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane

Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, Illinois

In the matter of the application of )
Tebco, Inc. to form a 40 acre )
drilling unit and to authorize the )
drilling of the Ruth Bookhout Comm. #1 )
well located in Section 2, Township 8 )
South, Range 10 East, Gallatin County, )
Illinois

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:15 A.M. (C.S.T.), on the 28th day of November, 1984. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present were Teb Blackwell and Thomas A. Cook, both on behalf of applicant. No one appeared on behalf of the objectors.

The State Mining Board having considered the oral testimony of witnesses duly sworn and being fully advised in the matter of the application of Tebco, Inc. for an integration order to establish a 40 acredrilling unit described as follows:

Northeast quarter of the Southwest quarter to authorize the drilling of a well to be known as the Ruth Bookhout Comm. #1 well to be located:

990 feet North and 990 feet West of the Southeast corner of the Northeast quarter of the Southwest quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois.

#### finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the application of Tebco, Inc. should be granted.
- That the parties involved should integrate their interest in their development of their lands.

IT IS THEREFORE ORDERED that a drilling unit consisting of 40 acres and described as the Northeast quarter of the Southwest quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois, is established and Tebco, Inc. is authorized to drill a well on said drilling unit to be known as the Ruth Bookhout Comm. #1 well to be located 990 feet North and 990 feet West of the Southeast corner of the Northeast quarter of the Southwest quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling, the objector and operator agree to terms of participation in the well, these terms may be substituted for this forced integration order. If the objector elects to participate in the well he must enter into an agreement with the operator, and this agreement must be filed with the Mining Board prior to commencement of drilling of the well. Failure to reach an agreement will necessitate the participation to be on the following basis.

IT IS FURTHER ORDERED that Tebco, Inc. shall drill the said well and that First National Bank & Trust Co. of Carbondale, Illinois, as Trustee under Trust No. 79-11, dated January 31, 1979 and Stephen Scates, Pat Scates, Sr., Mark Scates, Hugh David Scates, Joe Scates, Thomas Scates d/b/a Pat Scates & Sons, a Farm Partnership (herein after referred to as Scates Trust) shall participate in the drilling unit described above to the extent of 25% of the 7/8ths working interest and to the extent of 25% of the 1/8th royalty interest in the drilling unit; and that Ruth Anderson Bookhout shall participate in the drilling unit described above to the extent of 5% of the 7/8ths working interest and to the extent of 5% of the 1/8th royalty interest in the drilling unit; and that Joanne Paterson Hodges shall participate in the drilling unit described above to the extent of 2.3% of the 7/8ths working interest and to the extent of 2.3% of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96% of the Illinois Revised Statutes. The participation factor is determined to be:

1. 25% of the costs and expenses of all surface equipment and 25% of the costs of operating the well concerned with the first production to be borne by "Scates Trust" and 5% of the costs and expenses of all surface equipment and 5% of the costs of operating the well concerned with first production to be borne by Ruth Anderson Bookhout, and 2.3% of the costs and expenses of all surface equipment and 2.3% of the costs of operating the well concerned with the first production to be borne by Joanne Paterson Hodges and 67.7% of the costs and expenses of all surface equipment and 67.7% of the costs of operating the well concerning with first production to be borne by Tebco, Inc.

2. 37.5% of actual costs and expenses of drilling, testing and completing the well to be borne by "Scates Trust" and 7.5% of actual costs and expenses of drilling, testing and completing the well to be borne by Ruth Anderson Bookhout, and 3.45% of actual costs and expenses of drilling, testing and completing the well to be borne by Joanne Patterson Hodges, and 51.55% of the actual costs of drilling, testing and completing said well to be borne by Tebco,

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 18th day of January, A. D., 1985.

BY ORDER OF THE STATE MINING BOARD:

Leange R. Lane

George R. Lane

Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the Petition of	)	
Monroe County Oil Trust to operate	)	
as a pool an area described as a	)	
portion of Section 35, 1 South, 10	)	HEARING ORDER NO. 314
West; and Section 2, Township 2	)	
South, Range 10 West all in Monroe	)	
County, Illinois.	)	

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:30 A.M., on the 4th day of January, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane Hearing Officer. Also present were George Curtis Lackey, Attorney on behalf of Monroe County Oil Trust; Richard Hughes, Steven Flowers, Harvey Ries, Paul Davis, Duane Ries, all on behalf of Monroe County Oil Trust; and David Bourland, Opponent.

The State Mining Board having considered the oral testimony submitted in said cause by witnesses duly sworn in and having examined the exhibits introduced in said cause and being fully advised in the matter finds:

That the Petition filed herein in accordance with Section 23.3 of "An Act in Relation to Oil, Gas, Coal and Other Underground Resources and Rules and Regulations" to consider the need for operating the pools hereinbelow set forth, or any portion thereof, as a unit to enable, authorize and require operations, which will increase the ultimate recovery of oil and gas, prevent the waste of oil and gas, and protect correlative rights of the owners of the oil and gas:

Tract	No.	Tract Name		Tra	ct Descri	ption		
Tract	#1	Edwin Ries	s #1	SE	SWł SWł	Sec.	35 1	s 10W
Tract	#2	Edwin Ries	i #2	NE:	NW NW	Sec.	2 2S	10W
Tract	#3	Edwin Ries	#3	SE	NW1 NW1	Sec.	2 25	10W
Tract	#4	Edwin Ries	#4	NE 2	SWI NWI	Sec.	2 25	10W
Tract	#5	Edwin Ries	#5	NW l	NWI NWI	Sec.	2 25	10W
Tract	#6	Edwin Ries	#6	SW	NW IWI	Sec.	2 2S	10W
Tract	#7	Edwin Ries	· #7	NW1	SWI NEI	Sec.	2 25	100
Tract	#8	Edwin Ries	#11 & 12	N <sup>1</sup>	SWI SWI	Sec.	2 25	1 OW

All in Monroe County, Illinois

shall be denied.

IT IS THEREFORE ORDERED that the Petition to consider the need for operating the pools, or any portion thereof, as described above as a unit is herewith denied.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield Sangamon County, Illinois, this 8th day of February, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane

Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the application of )
Triple "G" Oil Co., Ltd. to form a )
20 acre drilling unit and to authorize )
the drilling of the Batthauer Comm. #1 )
well located in Section 25, Township )
17 North, Range 2 East, Macon County, )
Illinois.

HEARING ORDER NO. 315

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 10:30 A.M., on the 4th day of Feburary, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present were Armin Martin Geertz and Dorlis Geertz on behalf of Triple "G" Oil Co., Ltd., and Richard W. Wikoff, Opponent.

The State Mining Board having considered the oral testimony of witnesses duly sworn and being fully advised in the matter of the application of Triple "G" Oil Co., Ltd. for an integration order to establish a 20 acre drilling unit described as follows:

West half of the Northeast quarter of the Southeast quarter to authorize the drilling of a well to be known as the Batthauer Comm. #1 well to be located:

330 feet South and 330 feet East of the Northwest corner of the Northeast quarter of the Southeast quarter of Section 25, Township 17 North, Range 2 East, Macon County, Illinois.

#### finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the application of Triple "G" Oil Co., Ltd. should be granted.
- That the parties involved should integrate their interest in their development of their lands.

IT IS THEREFORE ORDERED that a drilling unit consisting of 20 acres and described as the West half of the Northeast quarter of the Southeast quarter of Section 25, Township 17 North, Range 2 East, Macon County, Illinois, is established and Triple "G" Oil Co., Ltd. is authorized to drill a well on said drilling unit to be known as the Batthauer Comm. #1 well and to be located 330 feet South and 330 feet East of the Northwest corner of the Northeast quarter of the Southeast quarter of Section 25, Township 17 North, Range 2 East, Macon County, Illinois, and that the

parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling or within FIFTEEN (15) DAYS after receipt of this order, the objector and operator agree to terms of participation in the well, these terms may be substituted for this forced integration order. If the objector elects to participate in the well he must enter into an agreement with the operator, and this agreement must be filed with the Mining Board prior to commencement of drilling of the well. Failure to reach an agreement will necessitate the participation to be on the following basis.

IT IS FURTHER ORDERED that Triple "G" Oil Co., Ltd shall drill the said well and that Ronald K. & Betty Jean Bechtel shall participate in the drilling unit described above to the extent of .7% of the 7/8ths working interest and to the extent of .7% of the 1/8th royalty interest in the drilling unit; and that Richard W. Wikoff shall participate in the drilling unit described above to the extent of 1.85% of the 7/8ths working interest and to the extent of 1.85% of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96% of the Illinois Revised Statutes. The participation factor is determined to be:

- 1. .7% of the costs and expenses of all surface equipment and .7% of the costs of operating the well concerned with the first production to be borne by Ronald K. & Betty Jean Bechtel; and 1.85% of the costs and expenses of all surface equipment and 1.85% of the costs of operating the well concerned with first production to be borne by Richard W. Wikoff; and 97.45% of the costs and expenses of all surface equipment and 97.45% of the costs of operating the well concerned with the first production to be borne by Triple "G" Oil Co., Ltd.
- 2. 1.05% of actual costs and expenses of drilling, testing and completing the well to be borne by Ronald K. & Betty Jean Bechtel; and 2.775% of actual costs of drilling, testing and completing the well to be borne by Richard W. Wikoff; and 96.175% of the actual

costs and expenses of drilling, testing and completing said well to be borne by Triple "G" Oil Co., Ltd.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 26th day of February, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane

Mining Board Representative

## BEFORE THE DEPARTMENT OF MINES AND MINERALS OF THE STATE OF ILLINOIS OIL AND GAS DIVISION

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IN THE MATTER OF THE APPLICATION BY EDOON CORPORATION, AS OPERATOR OF LANDS SITUATED IN GALLATIN COUNTY, ILLINOIS FOR AN ORDER APPROVING THE HEREIN-DESCRIBED OMAHA PROJECT AREA AS A QUALIFIED TERTHARY RESOUVERY PROJECT UNDER THE CRUDE OIL WINDFALL PROFIT TAX ACT OF 1980, TITLE 26, U.S.C.A. \$4993.

HEARING ORDER NO. 316

The State Mining Board considered the above matter on January 22, 1985, in the Office of the Division of Oil and Gas, Room 704, Stratton Office Building, Springfield, Illinois. The Applicant, Exxon Corporation, hereinafter referred to as "Exxon", appeared for the hearing and requested that the State Mining Board, as a jurisdictional agency under the Internal Revenue Code Section 4993(d)(5)(A)(i), issue an order approving Exxon's proposed polymer augmented waterflood project in that portion of the Omaha Field, Gallatin County, Illinois known as the Omaha Unit Project Area, as a qualified tertiary recovery project under the Crude Oil Windfall Profit Tax Act of 1980, Title 26, U.S.C.A. 54993.

The applicant had previously requested a hearing on this date and had provided the State Mining Board with all required addresses so that a notice of this hearing could be mailed and was mailed by applicant at least ten (10) days prior to the date of the hearing pursuant to Rule I(13)(c) of the Rules and Regulations of the Department of Mines and Minerals for the Oil and Gas Division (approved and adopted November 7, 1951 and amended February 1, 1960, April 1, 1964, and December 23, 1966). The applicant presented the application and supporting evidence in the matter before the State Mining Board on January 22, 1985. After consideration of the application and supporting evidence in the matter, the State Mining Board entered an order approving the polymer augmented waterflood project in the Omaha Unit Project Area of the Omaha Field, Gallatin County, Illinois as a "qualified tertiary recovery project" under the Crude Oil Windfall Profit Tax Act of 1980, Title 26 U.S.C.A. \$4993.

The State Mining Board further finds:

- That the State Mining Board has been duly designated by the Governor
  of Illinois as the jurisdictional agency authorized to approve tertiary recovery
  projects pursuant to Internal Revenue Code Section 4993(d)(5)(A)(i).
- 2. That the Omaha Field covers an area approximately 1 mile long and 3/4 mile wide in Gallatin County, Illinois. The field was discovered in 1941 with the drilling of the Carter York #1 well in the SE/4 SE/4 SW/4 of Section 33, Township 7 South, Range 8 East, Gallatin County, Illinois. Enha .ed recovery

operations in the Omaha Field began when the Carter Oil Company (predecessor in interest to Exxon) began waterflood operations in 1944 in the Omaha Field, and by 1969 a majority of the field was under secondary recovery waterflood operations.

- 3. That the Omaha Unit Project Area, operated by Exxon, is located in the Omaha Pield and includes the SW/4 SE/4 Section 33, Township 7 South, Range 8 East, and SE/4 NW/4, W/2 NE/4, N/2 SW/4 Section 4, Township 8 South, Range 8 East, all in Gallatin County, Illinois and produces from sands of the Chester Series formation. Therefore, the Project Area is adequately delineated. Production in the Omaha Unit Project Area began in 1941 and secondary waterflood operations in the Omaha Unit Project Area commenced in 1944. It is estimated through calculations that the original oil in place for the Omaha Unit Project Area is 7.9 million barrels of which approximately 4.5 million barrels or 57% of original oil in place was recovered by October, 1984 by primary and secondary recovery operations.
- That the polymer augmented waterflood project in the Omaha Unit Project Area will commence approximately on November 1, 1984. Polyacrylamide and other chemicals will be mixed with water and injected through injection wells located within the Omaha Unit Project Area. The injected polyacrylamide gel will divert water from more permeable oil sand stringers to less permeable, less depleted oil sand stringers. The resulting diversion of injection water will sweep previously by-passed oil to the producing wells in the Omaha Unit Project Area. Exxon currently plans to inject polymer into four injection wells located within the Omaha Unit Project Area and it is possible that Exxon, over the life of the Project might convert approximately two additional injection wells through which polymer could be injected. The injected polymer will affect approximately ten producing wells currently operating within the Omaha Unit Project Area. During the life of the project, Exxon might drill an additional production well within the Omaha Unit Project Area which would be affected by the polymer treatments. Without the polymer treatment Exxon estimates that approximately 417,000 barrels of oil could be recovered by primary and secondary means in the Omaha Unit Project Area. With polymer treatment, Exxon estimates that approximately 434,000 barrels of oil can be recovered in the Omaha Unit Project Area. As a result of polymer treatment Exxon estimates that approximately 17,000 barrels, or about 4% of current estimated remaining recoverable reserves, can be recovered from the Omaha Unit Project Area. Applicant anticipates that the polymer will affect the reservoir for approximately four (4) years from the time of initial injection of polymer.
- 5. That the Applicant's project is a polymer augmented waterflood. The project is based on sound engineering principles and can reasonably be expected to result in more than an insignificant increase in the amount of oil which could ultimately be recovered from the Omaha Unit Project Area by primary and secondary recovery operations and does not merely act to accelerate production. The date on which polymer injection begins in the Omaha Unit Project Area will be after May 1, 1979.

- 6. That the project operations in the Omaha Unit Project Area are a qualified tertiary recovery project that will employ a tertiary recovery method, as defined under 10 CFR, Section 212.78(c) subparagraphs (1) through (9) of the Department of Energy Regulations in effect on June 1, 1979. Said project also meets the requirements set forth in Treasury Regulations Section 51.4993-1(b) regarding qualified tertiary recovery projects, and Treasury Regulations Section 51.4993-3, regarding jurisdictional agency certification of tertiary recovery projects.
- The witness presented by Exxon was qualified as an expert petroleum engineer and gave credible testimony.
- 8. That in the interest of conservation and in preventing waste, protecting correlative rights and securing the greatest ultimate recovery of oil from the Omaha Unit Project Area, the Application should be granted.

IT IS THEREFORE ORDERED that the Application filed by Exxon Corporation to conduct a polymer augmented waterflood project, in that portion of the Omaha Pield known as the Omaha Unit Project Area underlying the SW/4 SE/4 Section 33, Township 7 South, Range 8 East, and SE/4 NW/4, W/2 NE/4, N/2 SW/4 Section 4, Township 8 South, Range 8 East, all in Gallatin County, Illinois, for recovery of crude oil from the Chester series formations is hereby approved as meeting the requirements of a "qualified tertiary recovery project" under Section 4993(c)(2)(A), (B), and (C) of the Internal Revenue Code, and Section 51.4993-1(b) and Section 51.4993-3 of the Department of the Treasury (IRS) Regulations.

IT IS FURTHER ORDERED that Exxon Corporation is directed to file with the State Mining Board information concerning any and all material changes to the implementation of the project, including, but not limited to, any information which may impact the approval of the project as a "qualified tertiary recovery project" under the Internal Revenue Code and Regulations listed above.

If you have questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is (217)782-7756.

BY ORDER OF THE STATE MINING BOARD

George R. Clane
Mining Board Representative

## BEFORE THE DEPARTMENT OF MINES AND MINERALS OF THE STATE OF ILLINOIS OIL AND GAS DIVISION

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IN THE MATTER OF THE APPLICATION BY EDOON CORPORATION, AS CPERATOR OF LANDS SITUATED IN WHITE COUNTY, ILLINOIS FOR AN ORDER APPROVING THE HEREIN-DESCRIBED ROLAND UNIT I PROJECT AREA AS A QUALIFIED TERTILARY RECOVERY PROJECT UNDER THE CRUDE OIL WINDPALL PROPIT TAX ACT OF 1980 TITLE 26 U.S.C.A. \$4993

HEARING	ORDER	NO.	317

The State Mining Board considered the above matter on January 22, 1985, in the Office of the Division of Oil and Gas, Room 704, Stratton Office Building, Springfield, Illinois. The Applicant, Exxon Corporation, hereinafter referred to as "Exxon", appeared for the hearing and requested that the State Mining Board, as a jurisdictional agency under the Internal Revenue Code Section 4993(d)(5)(A)(i), issue an order approving Exxon's proposed polymer augmented waterflood project in that portion of the Roland Consolidated Field, White County, Illinois known as the Roland Unit I Project Area, as a qualified tertiary recovery project under the Crude Oil Windfall Profit Tax Act of 1980, Title 26, U.S.C.A. \$4993.

The applicant had previously requested a hearing on this date and had provided the State Mining Board with all required addresses so that a notice of this hearing could be mailed and was mailed by applicant at least ten (10) days prior to the date of the hearing pursuant to Rule I(13)(c) of the Rules and Regulations of the Department of Mines and Minerals for the Oil and Gas Division (approved and adopted November 7, 1951 and amended Pebruary 1, 1960, April 1, 1964, and December 23, 1966). The applicant presented the application and supporting evidence in the matter before the State Mining Board on January 22, 1985. After consideration of the application and supporting evidence in the matter, the State Mining Board entered an order approving the polymer augmented waterflood project in the Roland Unit I Project Area of the Roland Consolidated Field, White County, Illinois as a "qualified tertiary recovery project" under the Crude Oil Windfall Profit Tax Act of 1980, Title 26 U.S.C.A. 54993.

The State Mining Board further finds:

- That the State Mining Board has been duly designated by the Governor
  of Illinois as the jurisdictional agency authorized to approve tertiary recovery
  projects pursuant to Internal Revenue Code Section 4993(d)(5)(A)(i).
- 2. That the Roland Consolidated Field covers an area approximately 3 miles long and 1/2 to 1 mile wide in White County, Illinois. The pool was discovered in 1940 with the drilling of the Kingwood and Exchange #1 Martin well in the NW/4 SE/4 NE/4 of Section 13, Township 7 South, Range 8 East, White

County, Illinois. Enhanced recovery operations in the Roland Consolidated Field began when the Carter Oil Company (predecessor in interest to Exxon) began waterflood operations in the Roland Consolidated Field, and by 1966 a majority of the field was under secondary recovery waterflood operations.

- 3. That the Roland Unit I Project Area, operated by Exxon, is located in the northern portion of the Roland Consolidated Field and includes the E/2 NM/4, E/2 SM/4, W/2 SE/4, W/2 W/2 SE/4 SE/4, SM/4 NE/4, SM/4 NM/4 NE/4 Section 2 and W/2 NE/4, E/2 NM/4, E/2 NM/4, NM/4, NM/4 NM/4 NE/4 Section 2 and W/2 NE/4, E/2 NM/4, E/2 NM/4, NM/4, NM/2 NM/4 NM/4 NM/2 W/2 NE/4 NE/4, NM/2 W/2 SE/4 NE/4 Section 11, all in Township 7 South, Range 8 East, White County, Illinois and produces from sands of the Chester Series formation. Therefore, the Project Area is adequately delineated. Production in the Roland Unit I Project Area began in 1941 and secondary waterflood operations in the Roland Unit I Project Area commenced in June, 1966. It is estimated through calculations that the original oil in place for the Roland Unit I Project Area was approximately 12.4 million barrels of which approximately 3.9 million barrels or 31% of original oil in place was recovered by October, 1984 by primary and secondary recovery operations.
- 4. That the polymer augmented waterflood project in the Roland Unit I Project Area will commence approximately on March 1, 1985. Polyacrylamide and other chemicals will be mixed with water and injected through injection wells located within the Roland Unit I Project Area and biopolymer and other chemicals will be mixed with water and injected through other injection wells located within the Roland Unit I Project Area. The injected polymer gel will divert water from more permeable oil sand stringers to less permeable, less depleted oil sand stringers. The resulting diversion of injection water will sweep previously by-passed oil to the producing wells in the Roland Unit I Project Area. Exxon currently plans to inject polymer into 14 injection wells located within the Roland Unit I Project Area. Exxon plans to drill no additional injection wells through which polymer could be injected. The injected polymer will affect approximately 16 producing wells currently operating within the Roland Unit I Project Area. During the life of the project, Exxon plans to drill no additional production wells within the Roland Unit I Project Area which would be affected by the polymer treatments. Without the polymer treatment Exxon estimates that approximately 300,000 barrels of oil could be recovered by primary and secondary means in the Roland Unit I Project Area. With polymer treatment, Exxon estimates that approximately 313,000 barrels of oil can be recovered in the Roland Unit I Project Area. As a result of polymer treatment Exxon estimates that approximately 13,000 barrels, or about 4% of current estimated remaining recoverable reserves, can be recovered from the Roland Unit I Project Area. Applicant anticipates that the polymer will affect the reservoir for approximately four (4) years from the time of initial injection of polymer.
- 5. That the Applicant's project is a polymer augmented waterflood. The project is based on sound engineering principles and can reasonably be expected to result in more than an insignificant increase in the amount of oil which could ultimately be recovered from the Roland Unit I Project Area by primary and

secondary recovery operations and does not merely act to accelerate production. The date on which polymer injection begins in the Roland Unit I Project Area will be after May 1, 1979.

- 6. That the project operations in the Roland Unit I Project Area are a qualified tertiary recovery project that will employ a tertiary recovery method, as defined under 10 CFR, Section 212.78(c) subparagraphs (1) through (9) of the Department of Energy Regulations in effect on June 1, 1979. Said project also meets the requirements set forth in Treasury Regulations Section 51.4993-1(b) regarding qualified tertiary recovery projects, and Treasury Regulations Section 51.4993-3, regarding jurisdictional agency certification of tertiary recovery projects.
- The witness presented by Exxon was qualified as an expert petroleum engineer and gave credible testimony.
- 8. That in the interest of conservation and in preventing waste, protecting correlative rights and securing the greatest ultimate recovery of oil from the Roland Unit I Project Area, the Application should be granted.

IT IS THEREFORE ORDERED that the Application filed by Exxon Corporation to conduct a polymer augmented waterflood project, in that portion of the Roland Consolidated Field known as the Roland Unit I Project Area underlying the E/2 NM/4, E/2 SW/4, W/2 SE/4, W/2 SE/4 SE/4, SW/4 NE/4, SW/4 NW/4 NE/4 Section 2 and W/2 NE/4, E/2 NW/4, E/2 NW/4, W/2 W/2 SE/4 SE/4 NW/4, N/2 SW/4 NW/4, NE/4 SW/4, W/2 W/2 NE/4 NE/4, W/2 W/2 SE/4 NE/4 Section 11, all in Township 7 South, Range 8 East, White County, Illinois, for recovery of crude oil from the Chester series formations is hereby approved as meeting the requirements of a "qualified tertiary recovery project" under Section 4993(c)(2)(A), (B), and (C) of the Internal Revenue Code, and Treasury Regulations Section 51.4993-3 issued thereunder.

IT IS FURTHER ORDERED that Exxon Corporation is directed to file with the State Mining Board information concerning any and all material changes to the implementation of the project, including, but not limited to, any information which may impact the approval of the project as a "qualified tertiary recovery project" under the Internal Revenue Code and Regulations listed above.

If you have questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is (217)782-7756.

DATED at Springfield, Sangamon County, Illinois, this 27th day of March , A.D., 1985.

BY ORDER OF THE STATE MINING BOARD

George R. Lane
Mining Board Representative

### BEFORE THE DEPARTMENT OF MINES AND MINERALS OF THE STATE OF ILLINOIS OIL AND GAS DIVISION

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IN THE MATTER OF THE APPLICATION BY EXCON CORPORATION, AS OPERATOR OF LANDS SITUATED IN WHITE AND GALLATIN COUNTIES, ILLINOIS FOR AN ORDER APPROVING THE HEREIN-DESCRIBED SOUTHWEST ROLAND UNIT PROJECT AREA AS A QUALIFIED TERTIARY RECOVERY PROJECT UNDER THE CRUDE OIL WINDFALL PROFIT TAX ACT OF 1980, TITLE 26, U.S.C.A. \$4993.

HEARING ORDER NO. \_\_\_\_\_\_\_

The State Mining Board considered the above matter on January 22, 1985, in the Office of the Division of Oil and Gas, Room 704, Stratton Office Building, Springfield, Illinois. The Applicant, Exxon Corporation, hereinafter referred to as "Exxon", appeared for the hearing and requested that the State Mining Board, as a jurisdictional agency under the Internal Revenue Code Section 4993(d)(5)(A)(i), issue an order approving Exxon's proposed polymer augmented waterflood project in that portion of the Roland Consolidated Field, White and Gallatin Counties, Illinois known as the Southwest Roland Unit Project Area, as a qualified tertiary recovery project under the Crude Oil Windfall Profit Tax Act of 1980, Title 26, U.S.C.A, \$4993.

The applicant had previously requested a hearing on this date and had provided the State Mining Board with all required addresses so that a notice of this hearing could be mailed and was mailed by applicant at least ten (10) days prior to the date of the hearing pursuant to Rule I(13)(c) of the Rules and Regulations of the Department of Mines and Minerals for the Oil and Gas Division (approved and adopted November 7, 1951 and amended February 1, 1960, April 1, 1964, and December 23, 1966). The applicant presented the application and supporting evidence in the matter before the State Mining Board on January 22, 1985. After consideration of the application and supporting evidence in the matter, the State Mining Board entered an order approving the polymer augmented waterflood project in the Southwest Roland Unit Project Area of the Roland Consolidated Field, White and Gallatin Counties, Illinois as a "qualified tertiary recovery project" under the Crude Oil Windfall Profit Tax Act of 1980, Title 26 U.S.C.A. \$4993.

The State Mining Board further finds:

- 1. That the State Mining Board has been duly designated by the Governor of Illinois as the jurisdictional agency authorized to approve tertiary recovery projects pursuant to Internal Revenue Code Section 4993(d)(5)(A)(i).
- 2. That the Roland Consolidated Field covers an area approximately 3 miles long and 1/2 to 1 miles wide in White and Gallatin Counties, Illinois. The pool was discovered in 1940 with the drilling of the Kingwood and Exchange #1 Martin well in the NW/4 SE/4 NE/4 Section 13, Township 7 South,

Range 3 East, Illinois. Enhanced recovery operations in the Roland Consolidated Pield began when the Carter Oil Company (predecessor in interest to Exxon) began waterflood operations in the Roland Consolidated Pield, and by 1955 a majority of the field was under secondary recovery waterflood operations.

- That the Southwest Roland Unit Project Area, operated by Exxon, is located in the northern portion of the Roland Consolidated Field and includes the SE/4 SW/4 SW/4 Section 11; W/2 NW/4 except for an approximate 1.7-acre strip along the east side NW/4 NW/4 in Section 14; N/2, SW/4 and W/2 SE/4 except for approximately 10 acres out of the SW/4 SE/4 lying west of State of Illinois Route 1 in Section 15; and E/2 SE/4 Section 16, all in Township 7 South, Range 8 East, White County, Illinois AND NE/4 NE/4 Section 21 and NW/4 NW/4 Section 22, all in Township 7 South, Range 8 East, Gallatin County, Illinois and produces from sands of the Chester Series formation. Therefore, the Project Area is adequately delineated. Production in the Southwest Roland Unit Project Area began in 1941 and secondary waterflood operations in the Southwest Roland Unit Project Area commenced in June, 1955. It is estimated through calculations that the original oil in place for the Southwest Roland Unit Project Area isapproximately 11.1 million barrels of which approximately 6.1 million barrels or 55% of original oil in place was recovered by October, 1984 by primary and secondary recovery operations.
- That the polymer augmented waterflood project in the Southwest Roland Unit Project Area will commence approximately on March 1, 1985. Biopolymer and other chemicals will be mixed with water and injected through injection wells located within the Southwest Roland Unit Project Area. The injected biopolymer gel will divert water from more permeable oil sand stringers to less permeable, less depleted oil sand stringers. The resulting diversion of injection water will sweep previously by-passed oil to the producing wells in the Southwest Roland Unit Project Area. Exxon currently plans to inject biopolymer into eight injection wells located within the Southwest Roland Unit Project Area. Exxon does not plan to drill additional injection wells through which biopolymer could be injected. The injected biopolymer will affect approximately 14 producing wells currently operating within the Southwest Roland Unit Project Area. During the life of the project, Exxon does not plan to drill additional production wells within the Southwest Roland Unit Project Area which would be affected by the biopolymer treatments. Without the biopolymer treatment Exxon estimates that approximately 350,000 barrels of oil could be recovered by primary and secondary means in the Southwest Roland Unit Project Area. With biopolymer treatment, Exxon estimates that approximately 368,000 barrels of oil can be recovered in the Southwest Roland Unit Project Area. As a result of biopolymer treatment Exxon estimates that approximately 18,000 barrels, or about 5% of current estimated remaining recoverable reserves, can be recovered from the Southwest Roland Unit Project Area. Applicant anticipates that the biopolymer will affect the reservoir for approximately four (4) years from the time of initial injection of biopolymer.
- 5. That the Applicant's project is a polymer augmented waterflood. The project is based on sound engineering principles and can reasonably be expected to result in more than an insignificant increase in the amount of oil which could ultimately be recovered from the Southwest Roland Unit Project Area by

primary and secondary recovery operations and does not merely act to accelerate production. The date on which polymer injection begins in the Southwest Roland Unit Project Area will be after May 1, 1979.

- 6. That the project operations in the Southwest Roland Unit Project Area are a qualified tertiary recovery project that will employ a tertiary recovery method, as defined under 10 CFR, Section 212.78(c) subparagraphs (1) through (9) of the Department of Energy Regulations in effect on June 1, 1979. Said project also meets the requirements set forth in Treasury Regulations Section 51.4993-1(b) regarding qualified tertiary recovery projects, and Treasury Regulations Section 51.4993-3, regarding jurisdictional agency certification of tertiary recovery projects.
- The witness presented by Exxon was qualified as an expert petroleum engineer and gave credible testimony.
- 8. That in the interest of conservation and in preventing waste, protecting correlative rights and securing the greatest ultimate recovery of oil from the Southwest Roland Unit Project Area, the Application should be granted.

IT IS THEREFORE ORDERED that the Application filed by Exxon Corporation to conduct a polymer augmented waterflood project, in that portion of the Roland Consolidated Field known as the Southwest Roland Unit Project Area underlying the SE/4 SW/4 SW/4 Section 11; W/2 NW/4 except for an approximate 1.7-acre strip along the east side NW/4 NW/4 in Section 14; N/2, SW/4 and W/2 SE/4 except for approximately 10 acres out of the SW/4 SE/4 lying west of State of Illinois Route 1 in Section 15; and E/2 SE/4 Section 16, all in Township 7 South, Range 8 East, White County, Illinois AND NE/4 NE/4 Section 21 and NW/4 NW/4 Section 22, all in Township 7 South, Range 8 East, Gallatin County, Illinois, for recovery of crude oil from the Chester series formations is hereby approved as meeting the requirements of a "qualified tertiary recovery project" under Section 4993(c)(2)(A), (B), and (C) of the Internal Revenue Code, and Treasury Regulations Section 51.4993-1 issued thereunder.

IT IS FURTHER ORDERED that Exxon Corporation is directed to file with the State Mining Board information concerning any and all material changes to the implementation of the project, including, but not limited to, any information which may impact the approval of the project as a "qualified tertiary recovery project" under the Internal Revenue Code and Regulations listed above.

If you have questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is (217)782-7756.

DATED at Springfield, Sangamon County, Illinois, this 27th day of March , A.D., 1985.

BY ORDER OF THE STATE MINING BOARD

George R. Lane Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the application of Ernest Exploration, Inc. to form a 40			
acre drilling unit and to authorize	í		
the drilling of the Hon-Barbre Comm.	)	HEARING ORDER NO. 319	,
#1 well located in Section 33, Town-	)		
ship 3 South, Range 9 East, White	)		
County, Illinois.	)		

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:00 A.M., March 28, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present was Mr. Kevin A. Ernest, Vice President of Ernest Exploration, Inc., Petitioner. No one appeared on behalf of the opponent.

The State Mining Board having considered the oral testimony presented and being fully advised in the matter of the application of Ernest Exploration, Inc. for an integration order to establish a 40 acredilling unit described as follows:

Southeast quarter of the Northeast quarter to authorize the drilling of a well to be known as the Hon-Barbre Comm. #1 well to be located:

330 feet South and 330 feet West of the Northeast corner of the Southeast quarter of the Northeast quarter of Section 33, Township 3 South, Range 9 East, White County, Illinois.

### finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the application of Ernest Exploration, Inc. should be granted.
- That the parties involved should integrate their interest in their development of their lands.

IT IS THEREFORE ORDERED that a drilling unit consisting of 40 acres and described as the Southeast quarter of the Northeast quarter of Section 33, Township 3 South, Range 9 East, White County, Illinois, is established and Ernest Exploration, Inc. is authorized to drill a well on said drilling unit to be known as the Hon-Barbre Comm. #1 well and to be located 330 feet South and 330 feet West of the Northeast corner of the Southeast guarter of the Northeast quarter of Section 33, Township 3

South, Range 9 East, White County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling or within FIFTEEN (15) DAYS
after receipt of this order, the objector and operator agree to terms of
participation in the well, these terms may be substituted for this forced
integration order. If the objector elects to participate in the well he
must enter into an agreement with the operator, and this agreement must be
filed with the Mining Board prior to commencement of drilling of the well.
Failure to reach an agreement will necessitate the participation to be on
the following basis.

IT IS FURTHER ORDERED that Ernest Exploration, Inc. shall drill the said well and that Steven Zanetis shall participate in the drilling unit described above to the extent of 37.46% of the 7/8ths working interest and to the extent of 37.46% of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96% of the Illinois Revised Statutes. The participation factor is determined to be:

- 1. 37.46% of the costs and expenses of all surface equipment and 37.46% of the costs of operating the well concerned with the first production to be borne by Steven Zanetis; and 62.54% of the costs of all surface equipment and 62.54% of the costs of operating the well concerned with the first production to be borne by Ernest Exploration, Inc.
- 2. 56.19% of actual costs and expenses of drilling, testing and completing the well to be borne by Steven A. Zanetis and 43.81% of the actual costs and expenses of drilling, testing and completing said well to be borne by Ernest Exploration, Inc.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 28th day of March, A.D., 1985.

BY ORDER OF THE STATE MINING BUART :

George R.Clane
Mining Found Retresentative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the Petition from	)				
Lyndon L. Sanders to establish wider	)				
spacing units in a field located in	)	HEARING	ORDER	NO.	320
portions of Township 16 North, Range	)				
8 West, Morgan County, Illinois.	)				

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:00 A.M., Monday, February 4, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Appearances were made by Charles A. Chapin, Attorney on behalf of First National Bank of Springfield, Trustee, J. H. Hill and Barbara Hill Cooper.; J. Patrick Joyce, Jr., Attorney on behalf of Cole Energy Development Company and Ken Cole, Jr.; and Emmet A. Fairfield, Attorney on behalf of Cole Energy Development Company and Ken Cole, Jr. Also present were V. P. Hammerle, Consulting Petroleum Engineer; Lyndon L. Sanders, Proponent; Ken Kerr, Irving Davenport, Lynn A. Davenport, Francis Edwards, Don Swain, Harrison R. Thornley, and Richard Thornley all on behalf of the Proponent. Appearing on behalf of the Opponent were Ken Cole, Jr., David Armstrong, Sara Armstrong, Paul Armstrong, Deborah Armstrong, William C. Handy, Roy R. Smith, H. Jeanne Danner, George E. Tomlin, Danny L. Flinn, Donald L. Skinner, Allen Smith, Larry Bengal, and Edward Couman.

The State Mining Board having considered the oral testimony submitted in said cause and being fully advised in the matter finds:

- 1. That this agency has subject matter jurisdiction over this matter pursuant to Section 9 of "An Act in Relation to Oil, Gas, Coal, and Other Surface and Underground Resources" as well as the rules and regulations of the Department of Mines and Minerals for the Division of Oil and Gas.
- 2. That the Petitioner's request for wider spacing units should be denied for the reason that the pattern of the spacing would not enhance the ultimate recoveries of everyone involved and would violate the correlative rights of the various landowners.

IT IS THEREFORE ORDERED that the Petition of Lyndon L. Sanders to establish drilling units of 80 acres each in the Prentice Gas Field in the Pennsylvania Gas Sand Formation in and under an area described as:

> Southeast quarter of Section 20; South half of Section 21; South half of Section 22; Southwest quarter of Section 23; Northwest quarter of Section 26; Section 27; Section 28; Section 29; East half of the East half of Section 31; Sec. 32; Section 33; and Section 34, all located in Township 16 North, Range 8 West, Morgan County, Illinois.

is herewith denied.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Mining Board Representative, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 28th day of March, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lave

George R. Lane

Mining Board Representative

## STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS

IN THE MATTER OF THE PETITION OF )
JORDAN OIL & GAS COMPANY FOR THE )
FORMATION OF THE ASSUMPTION )
CENTRAL BENOIST SAND UNIT IN )
CHRISTIAN COUNTY, ILLINOIS FOR )
THE PURPOSE OF UNITIZED MANAGE- )
MENT, OPERATION, AND INITIATION )
OF WATER FLOOD OPERATION FOR )
ENHANCED RECOVERY. )

## REPORT OF THE MINING BOARD

On January 22, 1985, Jordan Oil & Gas Company, a corporation authorized to do business in the state of Illinois, pursuant to the provisions of Illinois Revised Statutes, Chapter 96%, Section 5440, et seq filed a Petition with the Department of Mines and Minerals for an Order providing for the unit operation of an area known as the Assumption Central Benoist Sand Unit located in Christian County, Illinois.

After due notice as provided in Section 5441 of the afore cited Chapter 965 and by the Rules of Procedure in Public Hearings before the Department of Mines and Minerals, a public hearing was held on said Petition on February 20, 1985 in the city of Springfield, Illinois. At said hearing before the Department of Mines and Minerals, the Petitioner submitted proof, exhibits, evidence, and testimony relating to a plan of unitized management, operation, and enchanced recovery which the Petitioner recommended be approved by the Department of Mines and Minerals. Other interested parties were afforded an opportunity to be heard in connection therewith.

### FINDINGS OF FACT

The Department of Mines and Minerals finds:

- (1) That the unitized management and operation is economically feasible and reasonably necessary to increase the ultimate recovery of oil and gas, to prevent waste, and to protect correlative rights; and
- (2) That the value of the estimated ultimate additional recovery of oil and gas will exceed the estimated additional cost, if any, incident to conducting the unit operation; and
- (3) That the areal extent of the pool or pools, or parts thereof, has been reasonably defined and determined by drilling operations, and the unitization and operation of such will have no substantially adverse effect upon the remainder of the pool or pools, or parts thereof; and
- (4) That the allocation of unit production to each separately owned tract is fair, reasonable, and equitable to all owners of oil and gas rights in the unit area; and
- (5) That the determination and allocation of unit expense is fair, reasonable, and equitable to the working interest owners; and
- (6) That the compensation or adjustment for wells, equipment, and other properties of the working interest owners is fair, reasonable, and equitable; and
- (7) That the plan for unitization has been approved in writing by those persons who under this Order will be required to pay more than 75% of the unit expense and in fact by 100% thereof; the plan for unitization has not yet been approved

in writing by the persons owning more than 75% of the unit production, or proceeds thereof, that will be credited to interests which are free of unit expense, including, but not limited to, royalties, overriding royalties, carried interest, net profit interests, and production payments within the Assumption Central Benoist Sand Unit. Pursuant to Section 5445 of the afore cited Chapter 96%, petitioner is permitted six months from the date of this Order to obtain the requisite written approval. Upon Petitioner's obtaining the requisite approval, the Mining Board shall, upon Petition and notice, hold such supplemental hearings as may be required to determine if and when the plan of unitization has been so approved and shall issue a Supplemental Order evidencing such approval.

# CONCLUSIONS OF LAW

That Illinois Revised Statutes, Chapter 96½, Section 5440, et seq applies to the Petition of Jordan Oil & Gas Company and these proceedings before the Department of Mines and Minerals.

That the Department of Mines and Minerals has jurisdiction of the subject matter and the persons interested therein; that all interested parties were afforded an opportunity to be heard therein; and

That in the interest of obtaining the benefits of unit operation, the prevention of waste, and the protection of correlative rights, this Petition should be granted.

# ORDER OF THE DEPARTMENT OF MINES AND MINERALS

It is, therefore, ordered by the Department of Mines and Minerals as follows:

- (1) That the Petition of Jordan Oil & Gas Company, as Unit Operator, be granted and that the Assumption Central Benoist Sand Unit is hereby created in accordance with and subject to the terms, provisions, and conditions of the Plan of Unitization as filed in these proceedings.
- (2) That the Assumption Central Benoist Sand Unit shall be the area outlined on the Unit Outline, Exhibit A, attached to the Plan of Unitization (Unit Agreement), and that the Plan of Unitization is made a part of this Order by reference with the same force and effect as if set out herein in its entircty.
- (3) That each of the tracts within the Unit Area, as shown on Exhibit A attached to the Plan of Unitization, subject to the terms and provisions of the Plan of Unitization, shall participate in the unit production and in other benefits and burdens of the unit in accordance with the specified tract participation.
- (4) That Jordan Oil & Gas Company is hereby authorized to enhance production by conducting water flood operations into the Benoist formation within the Unit Arca.

- (5) That Unit Operator, Jordan Oil & Gas Company, shall from time to time make such reports to the Department of Mines and Minerals concerning the operation of the unit as may be requested.
- (6) That the Plan of Unitization is hereby made effective and that unit operation under this Agreement shall commence upon Petitioner's obtaining written approval by the persons owning more than 75% of the unit production or proceeds thereof that will be credited to interests which are free of unit expense and upon the Mining Board receiving a Supplemental Petition from Jordan Oil & Gas Company, holding supplemental hearings upon said Petition, and upon issuance of a Supplemental Order by the Mining Board evidencing such approval.

The Department of Mines and Minerals retains continuing jurisdiction over the Assumption Central Benoist Sand Unit in order that it may exercise such administrative control as is consistent with its powers and duties as established by the statutes of the State of Illinois.

Signed and ordered published this 29th day of March,

BY ORDER OF STATE MINING BOARD

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS

IN THE MATTER OF THE PETITION OF	)	
JORDAN OIL & GAS COMPANY FOR THE	)	
FORMATION OF THE ASSUMPTION	)	
CENTRAL BENOIST SAND UNIT IN	)	
CHRISTIAN COUNTY, ILLINOIS FOR	)	HEARING ORDER
THE PURPOSE OF UNITIZED MANAGE-	)	
MENT, OPERATION, AND INITIATION	)	NO. 321
OF WATER FLOOD OPERATION FOR	)	
ENHANCED RECOVERY.	)	

# ORDER ON SUPPLEMENTAL PETITION

This cause coming on for consideration by the State Mining
Board of the Supplemental Petition of Jordan Oil & Gas Company,
all pursuant to the provisions of the <u>Illinois Revised Statutes</u>,
Chapter 96%, Section 5445, and the State Mining Board having reviewed
the Supplemental Petition and the executed Unit Agreement and
being fully advised in the matter finds as follows:

- 1. That on March 29, 1985, the State Mining Board entered Hearing Order No. 321 granting the Petition of Jordan Oil & Gas Company seeking creation of the Assumption Central Benoist Sand Unit and authorizing operation of same in accordance with a certain Plan of Unitization, subject only to obtaining written approval of the Plan of Unitization by the persons owning more than 75% of the unit production or proceeds thereof that will be credited to interests which are free of unit expense.
- 2. That Jordan Oil & Gas Company has now obtained written approval of the Plan of Unitization by the persons owning more than 75% of the unit production or proceeds thereof that will

be credited to interests which are free of unit expense. The State Mining Board specifically finds that the following persons, whose interests are hereinafter indicated have signed the Plan of Unitization (Unit Agreement):

. 1	ROYALTY OWNERS	
Name	Tract	Interest
Everett Wayne Adcock and Eleanor Leone Adcock, as tenants in common, and Robert Dean Adcock and Joyce E. Adcock	1	17.013%
Lynn Markwell and Kathryn N. Markwell, and Lynne Kay Bilyeu and Don W. Bilyeu	2	1.375%
Mary J. Coutant and George E. Coutant, and Frances C. Peterson	3	47.937%
Warren-Boynton State Bank, as Trustee under Trust Agreement dated December 31, 1976 and known as Trust No. 31	5	16.775%
Total Royalty Interes	t Signed	83.100%

# OVERRIDING ROYALTY INTEREST OWNERS

Jordan Oil & Gas Company

James D. Jordan

Walter D. Hammer and Muriel W. Hammer

Ronald G. Lockwood

Gary L. Griffith

John M. Warn

Mike L. Garrison

Robert W. Karlewicz, and Penny W. Karlewicz, joint tenants

Merle M. Hershey, and Elizabeth W. Hershey, joint tenants

Wilbur D. Lebsack, and Connie J. Lebsack, joint tenants

Harley L. Conner

Total Overriding Royalty Interest Signed

100.0%

3. That pursuant to <u>Illinois Revised Statutes</u>, Chapter 965, Section 5445, the Mining Board has determined that it is appropriate to enter a Supplemental Order evidencing the written approval of the Plan of Unitization by persons owning more than 75% of the unit production or proceeds thereof; that said Supplemental Order should be entered without further hearing, as same is not required; and that the Plan of Unitization should be made effective, and that unit operations under the Plan of Unitization may commence upon issuance of this Supplemental Order.

IT IS, THEREFORE, ORDERED by the Department of Mines and Minerals as follows:

- (1) That the Supplemental Petition of Jordan Oil & Gas Company is hereby granted.
- (2) That a Supplemental Order evidencing the written approval of the Plan of Unitization by persons owning more than 75% of the unit production or proceeds thereof that will be credited

to interests which are free of unit expense is hereby entered.

- (3) That the Plan of Unitization is hereby made effective, and that unit operations under the Plan of Unitization may commence upon the entry date of this Supplemental Order.
- (4) The Department of Mines and Minerals retains continuing jurisdiction over the Assumption Central Benoist Sand Unit in order that it may exercise such administrative control as is consistent with its powers and duties as established by the Statutes of the State of Illinois.

Signed and ordered published this <u>lat</u> day of <u>May</u>,

By Order of the State Mining Board

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the application of )
Vise Brothers to form a 20 acre dril - )
ling unit to authorize the drilling )
of the Perryman Comm. #1 well located )
in Section 18, Township 7 South, Range )
5 East, Hamilton County, Illinois. )

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:00 A.M., on the 15th day of April, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present was Mr. Hosea Vise of Vise Brothers. No one appeared on behalf of the proponent.

The State Mining Board having considered the oral testimony of witnesses duly sworn and being fully advised in the matter of the application of Vise Brothers for an integration order to establish a 20 acre drilling unit described as follows:

West half of the Southwest quarter of the Southwest quarter to authorize the drilling of a well to be known as the Perryman Comm. #1 well to be located:

330 feet North and 330 feet East of the Southwest corner of the Southwest quarter of the Southwest quarter of Section 18, Township 7 South, Range 5 East, Hamilton County, Illinois,

#### finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the application of Vise Brothers should be granted.
- That the parties involved should integrate their interest in the development of their lands.

IT IS THEMETORE ORDERED that a drilling unit consisting of 20 acres and described as the West half of the Southwest quarter of the Southwest quarter of Section 18, Township 7 South, Range 5 East, Hamilton County, Illinois, is established, and Vise Brothers is authorized to drill a well on said drilling unit to be known as the Perryman Comm. #1 well and to be located 330 feet North and 330 feet East of the Southwest corner of the Southwest quarter of the Southwest quarter of Section 18, Township 7 South, Range 5 East, Hamilton County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling or within FIFTEEN (15) DAYS

after receipt of this order, the objector and operator agree to terms of
participation in the well, these terms may be substituted for this forced
integration order. If the objector elects to participate in the well he
must enter into an agreement with the operator, and this agreement must be
filed with the Mining Board prior to commencement of drilling of the well.
Failure to reach an agreement will necessitate the participation to be on
the following basis.

IT IS FURTHER ORDERED that Vise Brothers shall drill the said well and that Ronald Kickert shall participate in the drilling unit described above to the extent of 2% of the 1/8ths working interest and to the extent of 2% of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96} of the Illinois Revised Statutes. The participation factor is determined to be:

- 1. 2% of the costs and expenses of all surface equipment and 2% of the costs of operating the well concerned with the first production to be borne by Ronald Kickert and 98% of the costs and expenses of all surface equipment and 98% of the costs of operating the well concerned with the first production to be borne by Vise Brothers.
- 2. 3% of actual costs and expenses of drilling, testing and completing the well to be borne by Ronald Kickert and 97% of actual costs and expenses of drilling, testing and completing said well to be borne by Vise Brothers.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 15th day of April, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

Linge of, Lane

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
DIVISION OF OIL AND GAS
SPRINGFIELD, ILLINOIS

In the matter of the application of )
Prairie Energy, Inc. to form a 40-acre )
drilling unit and to authorize the )
drilling of the Keith McArthy Comm. #1
well located in Section 28, Township 5 )
South, Range 8 East, White County, )
lllinois.

HEARING ORDER NO. 323

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:30 A.M., on the 15th day of April, A.D., 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present were David Hatch on behalf of Prairie Energy, Inc., applicant and Keith McArthy, objector.

The State Mining Board having considered the oral testimony of witnesses duly sworn and being fully advised in the matter of the application of Prairie Energy, Inc. for an integration order to establish a 40 acre drilling unit described as follows:

Southeast quarter of the Southwest quarter to authorize the drilling of a well to be known as the Keith McArthy Comm. #1 well to be located:

330 feet North and 330 feet West of the Southeast corner of the Southeast quarter of the Southwest quarter of Section 28, Township 5 South, Range 8 West, White County, Illinois,

### finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the application of Prairie Energy, Inc. should be granted.
- That the parties involved should integrate their interest in the development of their lands.

IT IS THEREFORE ORDERED that a drilling unit consisting of 40 acres and described as the Southeast quarter of the Southwest quarter of Section 28, Township 5 South, Range 8 East, White County, Illinois, is established and Prairie Energy, Inc. is authorized to drill a well on said drilling unit to be known as the Keith McArthy Comm. #1 well and to be located 330 feet North and 330 feet West of the Southeast corner of the Southeast quarter of the Southwest quarter of Section 28, Township 5 South, Range 8 East, White County, Illinois, and that the parties involved shall

integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling of within FIFTEEN (15) DAYS
after-receipt of this order, the objector and operator agree to terms of
participation in the well, these terms may be substituted for this forced
integration order. If the objector elects to participate in the well he
must enter into an agreement with the operator, and this agreement must be
filed with the Mining Board prior to commencement of drilling of the well.
Failure to reach an agreement will necessitate the participation to be on
the following basis.

IT IS FURTHER ORDERED that Prairie Energy, Inc. shall drill the said well and that Keith McArthy shall participate in the drilling unit described above to the extent of 25% of the 7/8ths working interest and to the extent of 25% of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96% of the Illinois Revised Statutes. The participation factor is determined to be:

- 1. 25% of the costs and expenses of all surface equipment and 25% of the costs of operating the well concerned with first production to be borne by Keith McArthy and 75% of the costs and expenses of all surface equipment and 75% of the costs of operating the well concerned with the first production to be borne by Prairie Energy, Inc.
- 2. 37.5% of actual costs and expenses of drilling, testing and completing the well to be borne by Keith McArthy and 62.5% of the actual costs and expenses of drilling, testing and completing said well to be borne by Prairie Energy, Inc.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 25th day of April, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

eorge R. Lane

Mining Board Representative

#### STATE OF ILLINOIS

## DEPARTMENT OF MINES AND MINERALS

IN THE MATTER OF THE PETITION OF JOE SIMPKINS, d/b/a JOE SIMPKINS oll DEVELOPMENTS, FOR THE FORMATION OF THE KINCAID NORTH UNIT, IN CHRISTIAN COUNTY, ILLINOIS, pursuant to Chapter 96 1/2, Section 5440 et seq, Illinois Revised Statutes.

Hearing order No. 324

## REPORT OF THE MINING BOARD

On February 19, 1985, Joe Simpkins Oil Developments, pursuant to Chapter 96 1/2, Section 5440 et seq, Illinois Revised Statutes, filed a Petition with the Department of Mines and Minerals for an order providing for the unit operation of an area known as the "Kincaid North Unit" located in the Silurian Formation in the Kincaid Field in Christian County, Illinois.

After due notice as provided in Chapter 96 1/2, Section 5440 et seq, Illinois Revised Statutes, and by the Rules of procedure in public hearings before the Department of Mines and Minerals, a public hearing was held on said petition on March 28, 1985, in the City of Springfield, Illinois. At said hearing before the Department of Mines and Minerals, the petitioner submitted proof, exhibits, evidence and testimony relating to a plan of unitized management, operation, and enhanced recovery which the petitioner recommended be approved by the Department of Mines and Minerals. Other interested parties were afforded an opportunity to be heard in connection therewith.

## FINDINGS OF FACT

The Mining Board of the Department of Mines and Minerals finds:

- That the unitized management and operation is economically feasible and reasonably necessary to increase the ultimate recovery of oil and gas, to prevent waste, and to protect correlative rights; and,
- 2. That the value of the estimated ultimate additional recovery of oil and gas will exceed the estimated additional cost, if any, incident to conducting the unit operation; and,
- 3. That the areal extent of the pool or pools, or parts thereof, has been reasonably defined and determined by drilling operations, and the unitization and operation of such will have no substantially adverse effect upon the remainder of the pool or pools, or parts thereof; and,
- 4. That the allocation of unit production to each separately owned tract is fair, reasonable and equitable to all owners of oil and gas rights in the unit area; and,
- 5. That the determination and allocation of unit expense is fair, reasonable and equitable to the working interest owners; and,
- 6. That the compensation or adjustment for wells, equipment and other properties of the working interest owners is fair, reasonable and equitable; and,
- 7. That the Plan for Unitization has been approved in writing by those persons who, under this order, will be required to pay for more than seventy five percent (75%) of the unit expense and also by the persons owning more than seventy five percent (75%) of the unit production, or proceeds thereof, that will be credited to interests which are free of unit expense, including, but not limited to royalties, overriding royalties, carried interest, net profit interests, and production payments within the Kincaid North Unit.

8. That the following owners have not approved in writing the Plan of Unitization: Violet Henninger, and O. B. Durham and Cytha K. Durham, owners of royalty interests, and Violet Henninger, owner of a working interest.

# CONCLUSIONS OF LAW

That Chapter 96 1/2, Section 5440 et seq, Illinois Revised Statutes, applies to the petition of Joe Simpkins Oil Developments and these proceedings before the Department of Mines and Minerals;

That the Department of Mines and Minerals has jurisdiction of the subject matter and the persons interested therein; that due and proper notices of the petition and of the time, place and purpose of the hearing were given as required by law; that all interested parties were afforded an opportunity to be heard therein; and,

That in the interest of obtaining the benefits of unit operation, the prevention of waste, and the protection of correlative rights, this petition should be granted.

# ORDER OF THE DEPARTMENT OF MINES AND MINERALS

- IT IS, THEREFORE, ORDERED by the Department of Mines and Minerals, by and through the Mining Board, as follows:
- A. That the petition of Joe Simpkins Oil Developments, as Unit Operator, be granted and that the Kincaid North Unit is hereby created in accordance with and subject to the terms, provisions and conditions of the Unit Agreement and Unit Operating Agreement, which constitute the Plan of Unitization, as filed in these proceedings.
- B. That the Unit Agreement and Unit Operating Agreement, which constitute the Plan of Unitization, are approved.

- C. That the Kincaid North Unit area shall be the area outlined on the map, which was attached to the Unit Agreement and Unit Operating Agreement, which constitute the Plan of Unitization, and which map is attached hereto as Exhibit "A", and that the Plan of Unitization is made a part of this order by reference with the same force and effect as if set out herein in its entirety.
- D. That each of the tracts within the unit area, as shown on the map attached to the Unit Agreement and Unit Operating Agreement, which constitute the Plan of Unitization, subject to the terms and provisions of the said Plan of Unitization, shall participate in the unit production and in other benefits and burdens of the unit in accordance with the specified tract participation, all as is reflected on Exhibit "B" attached hereto and made a part hereof.
- E. That as to Violet Henninger, a working interest owner who has not executed the Plan of Unitization, consisting of the Unit Agreement and Unit Operating Agreement, the petitioner is authorized to advance on behalf of said owner her proportionate part of the development and operating costs of the unit as provided in the unit operating agreement; that petitioner should be allowed to recover on a continuing basis from the non-consenting working interest owner's share of the unit property an amount equal to 15% of said owner's actual share of the development and operating costs as determined by the unit operating agreement; that petitioner shall be entitled to a lien upon the leasehold interest of Violet Henninger and as to all proceeds accruing thereto as provided in Chapter 96 1/2, Section 5448, of the Illinois Revised Statutes.
- F. That the enhanced recovery technique utilizing a fluid injection process consisting of initial injection of fresh water and produced water into the Beckey #1 well, located on the Beckey lease, together with any future injection processes as determined to be in accordance with good engineering and production practices by the Unit Operation, be initiated into the Silurian Formation.
- G. That the Unit Operator, Joe Simpkins Oil Developments, shall from time to time make such reports to the Department of Mines and Minerals concerning the operation of the unit as may be requested.
- H. That the interests of Violet Henninger, and O. B. Durham and Cytha K. Durham, owners of royalty interests, and the interest of Violet Henninger, owner of a working interest, are committed to the Kincaid North Unit, and

that said interests are subject to the Plan of Unitization, consisting of the unit agreement and unit operating agreement, and this order.

I. That the Plan of Unitization is hereby made effective, and unit operations under the agreements shall be commenced on, <u>Friday</u>, April 26 , 1985.

The Department of Mines and Minerals retains continuing jurisdiction over the Kincaid North Unit in order that it may exercise such administrative control as is consistent with its powers and duties as established by the statutes of the State of Illinois.

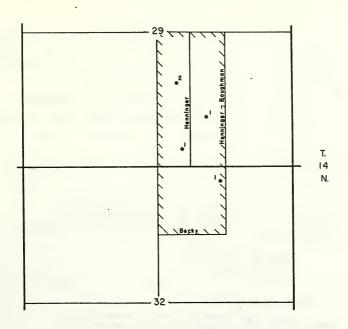
Dated this 28th day of March, 1985.

STATE MINING BOARD, DEPARTMENT OF MINES AND MINERALS, STATE OF ILLINOIS,

BY George R. Lane

# EXHIBIT "A"

R. 3 W.





KINCAID NORTH FIELD CHRISTIAN COUNTY, ILLINOIS



#### EXHIBIT "B"

#### UNIT AGREEMENT

## CHRISTIAN COUNTY, ILLINOIS

Tract Number		Tract C	per	tor	Tract Name
1	Joe	Simpkins	011	Developments	Henninger
2	Joe	Simpkins	011	Developments	Henninger-Baughman
3	Joe	Simpkins	011	Developments	Becky

# 1. Henninger Lease -

Lease Data and Description

Lease dated October 20, 1958, recorded April 17, 1959, in Book 305 of Leases, page 543, from Andrew F. Henninger, et al, as lessor, to Joe Simpkins, as lessee, insofar as and only insofar as said lease covers the following described land:

Tract Acres

Wi Wi SEi, Section 29, Tl4N, R3W of 3rd P.M. Christian County, Illinois 40 acres

63\_0715 %

Tract Participation

# 2. Henninger-Baughman Lease

Lease dated October 20, 1958, recorded April 17, 1959, in Book 305 of Leases, page 543, from Andrew F. Henninger, et al, as lessor, to Joe Simpkins, as lessee; and Lease dated July 29, 1959, recorded August 27, 1959 in Book 307 of Leases, page 441, from Peabody Coal Company, as lessor, to Joe Simpkins, as lessee, as amended by agreement dated March 14, 1959, recorded in Book 305, page 551, insofar as and only insofar as said leases cover the following described land:

Eà Wà SEà, Section 29, TlaN, R3W of 3rd P.M. Christian County, Illinois 40 acres 28.1885 %

# 3. Becky Lease

Lease dated February 15, 1958, recorded in Book 295, page 227, from Peabody Coal Company, lessor, and Joe Simpkins, lessee, as amended by agreement dated March 14, 1959, recorded in Book 305, page 548, insofar as and only insofar as said lease covers the following described land:

NWł NEł Section 32, Tl4N, R3W of 3rd P.M. Christian County, Illinois 40 acres

8,7400 %

Total Tract Participation

100.0000 %

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
DIVISION OF OIL AND GAS
SPRINGFIELD, ILLINOIS

)

In the matter of the application
filed by Booth Oil Co., Inc., to
authorize the drilling of the
McCawley #4 well located in
Section 17, Township 3 North,
Range 7 East, Clay County,
Illinois.

HEARING ORDER NO. 325

This cause came on for consideration by the State Mining Board on the Petition filed by Booth Oil Co., Inc., a Corporation, on  $\frac{May}{22}$ . , 1985, with the Department of Mines and Minerals, Division of Oil and Gas, for an Order integrating separately owned interests to create a drilling unit and for authority to drill a well under the provisions of Section 22.2(b) of "An Act in relation to oil, gas, coal and other surface and underground resources."

The State Mining Board having considered the Petition filed by Booth Oil Co., Inc., and being advised that the Respondents have each filed herein a letter in which they each waive any hearing before the State Mining Board and each have elected to participate as a working interest owner in the said McCawley #4 well hereinafter described by agreeing to incur the penalty provided for under Section 22.2(b) of said Act, and the State Mining Board being fully advised in this matter for an Integration Order to establish a drilling unit described as follows:

Twenty (20) acres located and described as the East One-half  $(E^1_2)$  of the Northwest Quarter (NW $^1_4$ ) of the Southwest Quarter (SW $^1_4$ ) of Section Seventeen (17), for the McCawley #4 well located 330 feet South and 990 feet East of the Northwest Corner (NW/C) of the Southwest Quarter (SW $^1_4$ ) of Section Seventeen (17), in Township Three (3) North, Range Seven (7) East of the Third Principal Meridian, Clay County, Illinois,

#### finds:

- 1. That in the interest of conservation and in protection of the correlative rights of those interested in the development of the pool, that the Application of Booth Oil Co., Inc., should be granted.
- 2. That the Petitioner and Respondents involved herein should integrate their respective interests in the development of their interests in the lands in the above drilling unit.

- 3. That Booth Oil Co., Inc., should be allowed to drill, equip and operate the said McCawley #4 well and will pay the cost of drilling, equipping and operating said well for the benefit of the Petitioner and the Respondents, John M. Armstrong and Billie E. Armstrong and Julie Ann Armstrong.
- 4. The Respondents, John M. Armstrong and Billie E. Armstrong, should be allowed to participate in the well proposed to be drilled by Booth Oil Co., Inc., described as the said McCawley #4 well by the payment by the Respondents to Booth Oil Co., Inc., within the period of time hereinafter described, John M. Armstrong and Billie E. Armstrong's one-sixteenth (1/16th) share of the reasonable, actual cost thereof, plus the charge of ten percent (10%) thereof for supervision, which the Mining Board finds to be reasonable, or, upon failure to pay their actual cost thereof, together with the supervision fee, which the Petitioner has estimated to be a total of Seven Thousand Nine Hundred Sixty-two and 25/100ths Dollars (\$7,962.25), for the drilling, completion and equipping of said well, within ten (10) days from the date of this Order, that the Petitioner may, without further notice to said Respondents, or further Order of this Board, drill, equip and operate the said McCawley #4 well and that the said Respondents will be required to pay the further penalty of certain costs as hereinafter described.
- 5. The Respondent, Julie Ann Armstrong, should be allowed to participate in the well proposed to be drilled by Booth Oil Co., Inc., described as the said McCawley #4 well by the payment by the Respondent to Booth Oil Co., Inc., within the period of time hereinafter described, Julie Ann Armstrong's one-sixteenth (1/16th) share of the reasonable, actual cost thereof, plus the charge of ten percent (10%) thereof for supervision, which the Mining Board finds to be reasonable, or, upon failure to pay her actual cost thereof, together with the supervision fee, which the Petitioner has estimated to be a total of Seven Thousand Nine Hundred Sixty-two and 25/100ths Dollars (\$7,962.25), for the drilling, completion and equipping of said well, within ten (10) days from the date of this Order, that the Petitioner may, without further notice to said Respondent, or further Order of this Board, drill, equip and operate the said McCawley #4 well and that the said Respondent will be required to pay the further penalty or certain costs as hereinafter described.
- IT IS THEREFORE ORDERED that a drilling unit consisting of twenty (20) acres to be located as the East One-half  $(E^{\frac{1}{2}})$  of the Northwest Quarter (NW½) of the Southwest Quarter (SW½) of Section Seventeen (17), in Township Three (3) North, Range Seven (7) East of the Third Principal Meridian, Clay County, Illinois, is established, and Booth Oil Co., Inc., is authorized to drill a well on said drilling unit to be known as the McCawley #4 well, for the benefit of all owners of interests therein, and that the said parties hereto, being all of the interest owners involved therein, shall integrate their interests and develop their lands as the aforesaid drilling unit.

IT IS FURTHER ORDERED that Booth Oil Co., Inc., shall drill and operate the said well, and that the said Respondents, John M. Armstrong and Billie E. Armstrong and Julie Ann Armstrong, may participate in the drilling unit described above to the extent of one-sixteenth (1/16th) of the seven-eighths (7/8ths) working interest each, by each Respondent paying to Booth Oil Co., Inc., within ten (10) days from the date of this Order, the full sum of Seven Thousand Nine Hundred Sixty-two and 25/100ths Dollars (\$7,962.25), which is the estimated amount of the drilling, completion and equipping costs for said well, together with a supervision fee of ten percent (10%) thereof. The participation factor is in accordance with Section 22.2(b) of "An Act in relation to oil, gas, coal and other surface and underground resources and rules and regulation" being a part of Chapter 96½ of the Illinois Revised Statutes.

IT IS FURTHER ORDERED that if the Respondents, John M. Armstrong and Billie E. Armstrong and Julie Ann Armstrong, shall each fail, neglect or refuse to pay to the Petitioner, Booth Oil Co., Inc., within ten (10) days from the date of this Order, the sum hereinabove set forth representing their each estimated cost of their participating share in the drilling unit of the costs of drilling, completion and equipping said well, together with a ten percent (10%) fee for the supervision thereof, that John M. Armstrong and Billie E. Armstrong and Julie Ann Armstrong, shall each participate in the drilling unit described above to the extent of one-sixteenth (1/16th) of seven-eighths (7/8ths) working interest each, which is in accordance with Section 22.2(b) hereinbefore described, and the participation factor is determined to be:

- 1. 6.25 percent of the cost and expenses of all surface equipment and 6.25 percent of the cost of operating the well concerned with the first production to be borne by John M. Armstrong and Billie E. Armstrong, and 6.25 percent of the cost and expenses of all surface equipment and 6.25 percent of the cost of operating the well concerned with the first production to be borne by Julie Ann Armstrong and 87.5 percent of the cost and expenses of all surface equipment and 87.5 percent of the cost of operating the well concerned with the first production to be borne by Booth Oil Co., Inc.
- 2. 9.375 percent of actual cost of expenses of drilling, testing and completing the well to be borne by John M. Armstrong and Billie E. Armstrong and 9.375 percent of actual cost of expenses of drilling, testing and completing the well to be borne by Julie Ann Armstrong and 81.25 percent of actual cost of drilling, testing and completing said well to be borne by Booth Oil Co., Inc.

IT IS FURTHER ORDERED that should John M. Armstrong and Billie E. Armstrong or Julie Ann Armstrong fail to voluntarily participate in the drilling of the McCawley #4 well by the payment of the sums hereinbefore set forth prior to the drilling of said well, that Booth Oil Co., Inc., be and it is hereby entitled

to the share of the production of oil or gas produced from the drilling unit described as the McCawley #4, attributable to the interest of John M. Armstrong and Billie E. Armstrong or Julie Ann Armstrong, respectively, until the market value of their respective share of production of oil or gas shall equal the above described respective shares of actual cost of surface equipment, operating expenses, drilling, testing and completing the McCawley #4 well that is to be borne by John M. Armstrong and Billie E. Armstrong or Julie Ann Armstrong, respectively.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this  $_{27th}$  day of  $_{\underline{\mbox{\tt June}}}$  , 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane
Mining Board Representative

# EEFORE THE DEPARIMENT OF MINES AND MINERALS OF THE STATE OF ILLINOIS OIL AND GAS DIVISION

IN THE MAITER OF THE APPLICATION BY EXCON CORPORATION, AS OPERATOR OF LANDS STUDIED IN APPETITE COUNTY, ILLINOIS FOR AN ORDER APPROVING THE COMMENCEMENT AND OPERATION OF AN ENHANCED RECOVERY PROJECT PURSUANT TO RILE IT A OF THE RULES AND REGULATIONS OF THE DEPARTMENT OF MINES AND MINERALS OF THE STATE OF ILLINOIS OIL AND GAS DIVISION

HEARING ORDER NO. 326

The State Mining Board considered the above matter in public hearing on June 18, 1985, in the Office of the Division of Oil and Gas, Room 704, Stratton Office Building, Springfield, Illinois. The Applicant, Doom Corporation, hereinafter "Doom", appeared by and through coursel and an expert witness for the hearing and requested that the State Mining Board issue an order approving Doom's proposed surfactant pilot project in that portion of the Loudon Field, Fayette County, Illinois, known as the R. F. Coddington Pilot Project Area, as an enhanced recovery project under Rule II A of the Rules and Regulations of the Department of Mines and Minerals of the State of Illinois Oil and Gas Division.

Example 2 Documents of filed its Application in this matter on or about May 16, 1985 and requested a hearing on June 18, 1985 pursuant to the Rules and Regulations of the Department of Mines and Minerals for the Oil and Cas Division. The applicant presented the application and supporting evidence in the matter before the State Mining Board on June 18, 1985. After consideration of the application and supporting evidence in the matter, the State Mining Board entered an order approving the surfactant/microemulsion flood project of a portion of the Loudon Field, Payette County, Illinois as an approved enhanced recovery project under Rule II A of the Rules and Regulations of the Department of Mines and Minerals for the Oil and Gas Division.

The State Mining Board further finds:

- 1. That the State Mining Board is, by virtue of Ill. Rev. Stats. Ch. 96 1/2 Par. 5401 et. seg. and its duly promulgated and enacted rules, the jurisdictional agency authorized to approve enhanced oil recovery projects.
- 2. That the Enhanced Recovery Project Area, operated by Eoxon, is located in the southern portion of the Loudon Field within the south half (S/2) of the southwest quarter (SN/4) of Section 20, Township 7 North, Range 3 East, Payette County, Illinois and produces from the sands of the Chester Series formation. Eoxon owns the surface of the south half (S/2) of the southwest quarter (SN/4) of Section 20. The Enhanced Recovery Project Area covers a one acre tract within this acreage.
- 3. That the surfactant microemulsion flood project in the Enhanced Recovery Project Area will commence within 30 days of receiving Underground Injection Control Permits. The surfactant and other chemicals will be mixed with water and injected through injection wells located within the Enhanced Recovery Project Area. The injected surfactant will sweep residual oil to an existing production well in the Enhanced Recovery Project Area. Exono currently plans to inject surfactant into 4 injection wells located at each of the four corners of the Enhanced Recovery Project Area. The injected surfactant will affect one producing well currently operating within the Enhanced Recovery Project Area. Applicant anticipates that the surfactant will affect the reservoir for approximately one year, from the time of initial injection of surfactant.
- 4. That the Application filed herein contains: (1) the name and address of the Operator of the Enhanced Recovery Project namely Ecoco Company, U.S.A., 233 Bermar, Houston, Texas 77060, (2) a plat showing the lease and the proposed project area including the location of all oil, gas, abandoned, drilling and dry wells and the names of all operators offsetting the area encompassed by the Project; (3) an identification of the common source of supply in which all wells are currently completed namely, the Chester Sands; (4) an identification of each common source of supply to be affected by the

Enhanced Recovery Project <u>namely</u> the Chester Sands; (5) a log of a representative well attached as an exhibit to the Application; (6) a description of the existing casing program and proposed casing program for the injection wells in the Enhanced Recovery Project Area including a description of the proposed method of testing casing; and (7) a description of the injection medium to be used, its derivation or source and the estimated amounts to be injected daily.

- 5. That notice was published and sent as required by Rule II A (3) (C).
- 6. That in the interest of conservation and in preventing waste, protecting correlative rights and securing the greatest ultimate recovery of oil from the Enhanced Recovery Project Area, the Application should be granted.

IT IS THERFORE ORDERED that the Application filed by Exxon Corporation to conduct a surfactant microemulsion flood project, in that portion of the Loudon Field known as the R. F. Coddington Pilot Project Area within the south half (S/2) of the southwest quarter (SW/4) of Section 20, Township 7 north, Range 3 East, Payette County, Illinois, for recovery of crude oil from the sands of the Chester Series formations is hereby approved as meeting the requirements of an enhanced recovery project under Rule II A of the Rules and Regulations of the Department of Mines and Minerals oil and Gas Division State of Illinois.

IT IS FURTHER ORDERED that Down Corporation is directed to file with the State Mining Board information concerning any and all material changes to the implementation of the project, including, but not limited to, any information which may impact the approval of the project as a "enhanced recovery project" under Rule II A (5) and (6) of the Rules and Regulations listed above.

IT IS FURTHER ORDERED that Exam Corporation file form CG-17 not later than 30 days following the anniversary of this Order and within 30 days of each successive anniversary thereafter while said Enhanced Recovery Project is being operated by Exam; (2) Form CG-18 by April 1 of each year for the previous calendar year; and (3) Form CG-19 within 30 days of the commencement of surfactant injection indicating the date upon which injection commenced and within 30 days of the termination of injection and the reasons therefor.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is (217) 782-7756.

DATED at Springfield, Sangamon County, Illinois, this  $\underline{\ \ }$  25th  $\underline{\ \ }$  day of July \_\_\_\_\_\_, A. D., 1985.

BY ORDER OF THE STATE MINING BOARD

George R. Jane
Mining Board Representative

#### BEFORE THE DEPARTMENT OF MINES AND MINERALS OF THE STATE OF ILLINOIS OIL AND GAS DIVISION

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IN THE MATTER OF THE APPLICATION BY EXXON CORPORATION, AS OPERATOR OF LANDS SITUATED IN FAYETTE COUNTY. ILLINOIS FOR AN ORDER APPROVING THE HEREIN-DESCRIBED LOUDON PROJECT AREA AS A QUALIFIED TERTIARY RECOVERY PROJECT UNDER THE CRUDE OIL WIND-FALL PROFIT TAX ACT OF 1980 TITLE 26 U.S.C.A. 8 4993

HEARING ORDER NO. 327

The State Mining Board considered the above matter on June 18, 1985, in the Office of the Division of Oil and Gas, Room 704, Stratton Office Building, Springfield, Illinois. The Applicant, Eoxon Corporation, hereinafter referred to as "Exxon" appeared for the hearing and requested that the State Mining Board, as a jurisdictional agency under the Internal Revenue Code Section 4993(d)(5)(A)(i), issue an order approving Eoxon's proposed polymer augmented waterflood project in that portion of the Loudon Field, Fayette County, Illinois known as the Loudon Project Area, as a qualified tertiary recovery project under the Crude Oil Windfall Profit Tax Act of 1980, Title 26, U.S.C.A. **84993**.

The applicant requested a hearing on June 18, 1985 and had provided the State Mining Board with all required addresses so that a notice of this hearing could be mailed and was mailed by applicant at least ten (10) days prior to the date of the hearing pursuant to Rule I(13)(c) of the Rules and Regulations of the Department of Mines and Minerals for the Oil and Gas Division (approved and adopted November 7, 1951 and amended February 1, 1960, April 1, 1964, and December 23, 1966) to all persons concerned in the matter to be heard. Notice of this hearing was published in five (5) newspapers of general circulation within the main oil producing counties of Illinois at least ten (10) days prior to the date of the hearing. The applicant presented the application and supporting evidence in the matter before the State Mining Board on June 18, 1985. After consideration of the application and supporting evidence in the matter, the State Mining Board entered an order approving the polymer augmented waterflood project in the Loudon Project Area of the Loudon Field, Fayette County, Illinois as a "qualified tertiary recovery project" under the Crude Oil Windfall Profit Tax Act of 1980, Title 26 U.S.C.A. 84993.

# The State Mining Board further finds:

- 1. That the State Mining Board has been duly designated by the Governor of Illinois as the jurisdictional agency authorized to approve tertiary recovery projects pursuant to Internal Revenue Code Section 4993(d) (5) (A) (i).
- 2. That the Loudon Field covers an area in Fayette and Effingham Counties, Illinois. The field was discovered in November of 1937 with the drilling of what is now known as the Jack Smith #1 well located in the W/2 NW/4 NW/4 NW/4 of Section 12, T7N, R3E, Fayette County, Illinois. Enhanced recovery operations in the Loudon Field began when the Carter Oil Company (predecessor in interest to Eoxon) began gas pressurization in 1938 and waterflood operations in 1950. By 1962, the entire field was under secondary recovery waterflood operations. Current operations include waterflooding, polymer augmented waterflooding and pilot surfactant projects.
- 3. That the Loudon Project Area, operated by Exxon, is located in Fayette County, Illinois covers approximately 13,800 acres and is described as:

# Township 7 North, Range 3 East

Section 4: W/2, N/2 NE/4

Section 5: W/2 NW/4, NE/4 NE/4, S/2

Section 6: E/2 NW/4, SE/4 SW/4 NW/4, NE/4, E/2 SE/4, SW/4

Section 7: E/2 NW/4, NE/4, S/2

Section 8: W/2, NE/4, W/2 SE/4, SE/4 SE/4, W/2 NE/4 SE/4

Section 9: NW/4

Section 17: W/2, W/2 E/2

Section 18: W/2 SE/4, NW/4, W/2 NE/4, NE/4 NE/4 Section 19: E/2 NE/4, E/2 SE/4, E/2 SW/4 SE/4

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Section 20: W/2, SE/4 SE/4, E/2 SW/4 SE/4
Section 29: NW/4, NW/4 NE/4, W/2 SW/4
Section 30:
             S/2 SE/4
Section 31:
             NE/4 and a part of the NW/4 NW/4 SE/4
Township 8 North, Range 3 East
             W/2, S/2 NE/4, NW/4 NE/4, W/2 SE/4, SE/4 SE/4
Section 1:
Section 2:
             W/2, NE/4, S/2 SE/4, NW/4 SE/4
Section 3:
             S/2 NE/4, NE/4 NE/4, SE/4, E/2 SW/4, E/2 NW/4 NE/4
Section 9:
             NE/4 SE/4
Section 10: S/2 NW/4, SW/4 NE/4, NE/4 NE/4, NW/4 SE/4, N/2 SW/4
Section 11:
             N/2 NW/4, N/2 NE/4
Section 12: NW/4, N/2 NE/4, NW/4 SE/4
Section 16: SW/4 SW/4 and a part of the S/2 SW/4 SE/4 SW/4
Section 17: SE/4 SE/4
Section 20: E/2 NE/4, SE/4
Section 21: W/2, W/2 NE/4, SE/4 NE/4, SE/4
Section 22: S/2 NW/4, S/2 NE/4, S/2
Section 23: S/2 NW/4, S/2 NE/4, S/2
Section 26: N/2 NW/4
Section 27: N/2, W/2 SW/4, NE/4 SW/4
Section 28:
             All
Section 29:
             W/2 NW/4, SE/4 NW/4, E/2 NE/4, S/2
Section 31: E/2 NE/4, SE/4
Section 32: N/2, SE/4, W/2 SW/4, NE/4 SW/4
Section 33: N/2, SW/4, N/2 SE/4, N/2 SW/4 SE/4, N/2 SE/4 SE/4
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Township 9 North, Range 3 East

Section 34:

Section 35: S/2 SW/4 SW/4 Section 36: SE/4 SW/4, S/2 SE/4

W/2 NW/4, NW/4 SW/4

and produces from sands of the Chester Series formation. Therefore, the Project Area is adequately delineated. It is estimated through volumetric calculations that the original oil in place for the Loudon Project Area was approximately 490 million barrels of oil of which approximately 228 million barrels of oil or 47% of original oil in place was recovered by March, 1985 by primary and secondary recovery operations.

- 4. That the polymer augmented waterflood project in the Loudon Project Area commenced on March 30, 1985. Polyacrylamide and other chemicals will be mixed with water and injected through injection wells located within the Loudon Project Area. The injected polymer gel will divert water from more permeable oil sand stringers to less permeable, less depleted oil sand stringers, thereby improving both areal and vertical sweep efficiency. The resulting diversion of injection water will sweep previously by-passed oil to the producing wells in the Loudon Project Area. Doxon currently plans to inject polymer into 504 injection wells located within the Loudon Project Area. Econ plans to drill 50 additional injection wells through which polymer could be injected. The injected polymer will affect approximately 660 producing wells currently operating within the Loudon Project Area. During the life of the project, Doxon plans to drill 100 additional production wells within the Project area which would be affected by the polymer treatments. Without the polymer treatment boson estimates that approximately 8,200,000 additional barrels of oil could be recovered by primary and secondary means in the Loudon Project Area. With polymer treatment, Doson estimates that approximately 8,830,000 additional barrels of oil can be recovered in the Loudon Project Area. As a result of polymer treatment Eccon estimates that approximately 630,000 barrels, or about 8% of current estimated remaining recoverable reserves can be recovered from the Loudon Project Area. Applicant anticipates that the polymer will affect the reservoir until approximately 1992 from the time of initial injection of polymer. Excon anticipates additional revenue of \$17,700,000 from the increased production. Excon will incur a non-recurring expense of \$11,000,000 to implement the project.
- 5. That the Applicant's project is a polymer augmented waterflood. The project is based on sound engineering principles and can reasonably be expected to result in more than an insignificant increase in the amount of oil which could ultimately be recovered from the Loudon Project Area by primary and secondary recovery operations and does not merely act to accelerate production.

The date on which polymer injection began in the Loudon Project Area will be after May 1, 1979.

- 6. That the project operations in the Loudon Project Area are a qualified tertiary recovery project that will employ a polymer augmented waterflood, as defined under 10 CFR, Section 212.78(c) (5) of the Department of Energy Regulations in effect on June 1, 1979. Said project also meets the requirements set forth in Proposed/Temporary Treasury Regulations Section 51.4993-1 regarding qualified tertiary recovery projects, and Proposed/Temporary Treasury Regulations Section 51.4993-3, regarding jurisdictional agency certification of tertiary recovery projects.
- The witness presented by Doxon was qualified as an expert petroleum engineer and gave credible testimony.
- 8. That in the interest of conservation and in preventing waste, protecting correlative rights and securing the greatest ultimate recovery of oil from the Loudon Project Area, the Application should be granted.

IT IS THEREFORE ORDERED that the Application filed by Eoxon Corporation to conduct a polymer augmented waterflood project in that portion of the Loudon Field known as the Loudon Project Area underlying the following described land in Fayette County, Illinois:

Township 7 North, Range 3 East

```
Section 4:
             W/2, N/2 NE/4
Section 5:
             W/2 NW/4, NE/4 NE/4, S/2
Section 6:
             E/2 NW/4, SE/4 SW/4 NW/4, NE/4, E/2 SE/4, SW/4
Section 7:
             E/2 NW/4, NE/4, S/2
             W/2, NE/4, W/2 SE/4, SE/4 SE/4, W/2 NE/4 SE/4
Section 8:
Section 9:
             NW/4
Section 17: W/2, W/2 E/2
Section 18: W/2 SE/4, NW/4, W/2 NE/4, NE/4 NE/4
Section 19: E/2 NE/4, E/2 SE/4, E/2 SW/4 SE/4
Section 20: W/2, SE/4 SE/4, E/2 SW/4 SE/4
Section 29: NW/4, NW/4 NE/4, W/2 SW/4
Section 30: S/2 SE/4
Section 31: NE/4 and a part of the NW/4 NW/4 SE/4
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#### Township 8 North, Range 3 East

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W/2, S/2 NE/4, NW/4 NE/4, W/2 SE/4, SE/4 SE/4
Section 1:
               W/2, NE/4, S/2 SE/4, NW/4 SE/4
Section 2:
Section 3: | S/2 NE/4, NE/4 NE/4, SE/4, E/2 SW/4, E/2 NW/4 NE/4
Section 9:
              NE/4 SE/4
Section 10: S/2 NW/4, SW/4 NE/4, NE/4 NE/4, NW/4 SE/4, N/2 SW/4 Section 11: N/2 NW/4, N/2 NE/4
Section 12: NW/4, N/2 NE/4, NW/4 SE/4
Section 16: SW/4 SW/4 and a part of the S/2 SW/4 SE/4 SW/4
Section 17: SE/4 SE/4
Section 20: E/2 NE/4, SE/4
Section 21: W/2, W/2 NE/4, SE/4 NE/4, SE/4
Section 22: S/2 NW/4, S/2 NE/4, S/2
Section 23: S/2 NW/4, S/2 NE/4, S/2
Section 26: N/2 NW/4
Section 27: N/2, W/2 SW/4, NE/4 SW/4
Section 28: All
Section 29: W/2 NW/4, SE/4 NW/4, E/2 NE/4, S/2
Section 31: E/2 NE/4, SE/4
Section 32: N/2, SE/4, W/2 SW/4, NE/4 SW/4
Section 33: N/2, SW/4, N/2 SE/4, N/2 SW/4 SE/4, N/2 SE/4 SE/4
Section 34: W/2 NW/4, NW/4 SW/4
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Township 9 North, Range 3 East

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Section 35: S/2 SW/4 SW/4
Section 36: SE/4 SW/4, S/2 SE/4
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for recovery of crude oil from the Chester series formations is hereby approved as meeting the requirements of a "qualified tertiary recovery project" under Section 4993(c)(2)( $\lambda$ ), (B), and (C) of the Internal Revenue Code, and

Proposed/Temporary Treasury Regulations Section 51.4993-1 and Proposed/Temporary Treasury Regulations Section 51.4993-3 issued thereunder.

IT IS FURTHER ORDERED that Econo Corporation is directed to file with the State Mining Board information concerning any and all material changes to the implementation of the project, including, but not limited to, any information which may impact the approval of the project as a "qualified tertiary recovery project" under the Internal Revenue Code and Regulations listed above.

If you have questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is (217) 782-7756.

DATED at Springfield, Sangamon County, Illinois, this \_25th day of

BY ORDER OF THE STATE MINING BOARD

George R. Lane
Mining Board Representative

#### STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS

IN THE MATTER OF THE PETITION OF BI-PETRO, INC. FOR THE FORMATION OF THE COLMAR-McFADDEN #1 UNIT IN THE HOING SAND FORMATION IN THE EAST PLYMOUTH POOL IN McDONOUGH COUNTY, ILLINOIS, . FOR THE PURPOSE OF UNITIZED MANAGEMENT, OPERATION AND INITIATION OF A LATERAL ENHANCED RECOVERY PROJECT.

HEARING ORDER NO. 328

#### REPORT OF THE MINING BOARD

)

On May 1, 1985, Bi-Petro, Inc., an Illinois corporation, pursuant to the provisions of Act No. 79-462 of the Public Acts of the State of Illinois, 1975, filed a Petition with the Department of Mines and Minerals for an Order providing for the Unit operation of an area known as the "Colmar- McFadden #1 Unit located in the Hoing Sand Formation in the East Plymouth Pool in McDonough County.

After due notice as provided in Act. No. 79-462 of the Public Acts of the State of Illinois, 1975, and by the Rules of Procedure in Public Hearings before the Department of Mines and Minerals, a public hearing was held on said Petition on May 24, 1985, in the City of Springfield, Illinois. At said hearing before the Department of Mines and Minerals, the Petitioner submitted proof, exhibits, evidence, and testimony relating to a plan of unitized management, operation and enhanced recovery which the Petitioner recommended be approved by the Department of Mines and Minerals. Other interested parties were afforded an opportunity to be heard in connection therewith.

#### FINDING OF FACT

The Department of Mines and Minerals finds:

- That the unitized management and operation is economically feasible and reasonably necessary to increase the ultimate recovery of oil and gas, to prevent waste, and to protect correlative rights; and
- (2) That the value of the estimated ultimate additional recovery of oil and gas will exceed the estimated additional cost, if any, incident to conducting the unit operation; and
- That the areal extent of the pool or pools, or parts (3) thereof, has been reasonably defined and determined

by drilling operations, and the unitization and operation of such will have no substantially adverse effect upon the remainder of the pool or pools, or parts thereof; and

- (4) That the allocation of unit production to each separately owned tract is fair, reasonable and equitable to all owners of oil and gas rights in the unit area; and
- (5) That the determination and allocation of unit expense is fair, reasonable and equitable to the working interest owners; and
- (6) That the compensation or adjustment for wells, equipment and other properties of the working interest owners is fair, reasonable and equitable; and
- (7) That the plan for unitization has been approved in writing by those persons who, under this Order, will be required to pay one hundred percent (100%) of the unit expense and also by the persons owning one hundred percent (100%) of the unit production, or proceeds thereof, that will be credited to interests which are free of unit expense, including, but not limited to, royalties, overriding royalties, carried interests, net profit interests, and production payments within the Colmar-McFadden \$1 Unit.

## CONCLUSIONS OF LAW

That Act No. 79-462 of the Public Acts of 1975 applies to the Petition of Bi-Petro, Inc. and these proceedings before the Department of Mines and Minerals.

That the Department of Mines and Minerals has jurisdiction of the subject matter and the persons interested therein; that due and proper notices of the petition and of the time, place and purpose of the hearing were given as required by law; that all interested parties were afforded an opportunity to be heard therein; and

That in the interest of obtaining the benefits of unit operation, the prevention of waste, and the protection of correlative rights, this petition should be granted.

#### ORDER OF THE DEPARTMENT OF

# MINES AND MINERALS

It is, therefore, ordered by the Department of Mines and Minerals as follows:

<sup>(1)</sup> That the Petition of Bi-Petro, Inc., as Unit Operator, be granted and that the Colmar-McFadden #1 Unit is hereby created in accordance with and subject to the terms, provisions and conditions of the Plan of Unitization as filed in these proceedings.

- (2) That Colmar-McFadden #1 Unit shall be the area outlined on the Map, Exhibit "B", attached to the Plan of Unitization, and that the Plan of Unitization is made a part of this Order by reference with the same force and effect as if set out herein in its entirety.
- (3) That each of the tracts within the Unit Area, as shown on Exhibit "B", attached to the Plan of Unitization, subject to the terms and provisions of the Plan of Unitization, shall participate in the unit production and in other benefits and burdens of the unit in accordance with the specified tract participation.
- (4) That the enhanced recovery technique utilizing the drilling of sub-surface laterals be initiated in the Hoing Sand Formation.
- (5) That the Unit Operator, Bi-Petro, Inc., shall from time to time make such reports to the Department of Mines and Minerals concerning the operation of the unit as may be requested.
- (6) That the Plan of Unitization is hereby made effective and that unit operations under these agreements shall be commenced on July 1, 1985.

The Department of Mines and Minerals retains continuing jurisdiction over the Colmar-McFadden #1 Unit in order that it may exercise such administrative control as is consistent with its powers and duties as established by the statutes of the State of Illinois.

Signed and ordered published this 30th day of \_\_\_\_\_\_\_, 1985.

BY ORDER OF STATE MINING BOARD

Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the Petition from	)				
Amoco Production Company to drill on	)				
10 acre spacing on its Arnold Harre	)	HEARING	ORDER	NO.	329
lease, Nashville Field, Washington	)				
County, Illinois.	)				

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:30 A.M., Friday, July 26, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Appearances were made by Clyde A. Mote, Attorney, Ronald J. Zittel, Senior Staff Petroleum Engineer; Jim Allen, Regional Petroleum Engineer; R. P. Zinsmeister, Petroleum Engineer Production, all on behalf of Amoco Production Company, proponent; Elmer Oelze, and James Palmer, Sigma Association; on behalf of Elmer Oelze, opponent. Also present were Earl Kieke and Jeff Oelze.

The State Mining Board having considered the oral testimony submitted in said cause and being fully advised in the matter finds:

- That this agency has subject matter jurisdiction over this
  matter pursuant to Section 9 of "An Act in Relation to Oil, Gas, Coal,
  and Other Surface and Underground Resources" as well as the rules and
  regulations of the Department of Mines and Minerals for the Division of
  Oil and Gas.
- That the Petitioner's request for smaller spacing units should be denied for the reason that the pattern of the spacing would not enhance the ultimate recoveries of everyone involved.

IT IS THEREFORE ORDERED that the Petition of Amoco Production Company to establish drilling units of 10 acres each in the Nashville Field in the Silurian and Devonian formations in and under an area described as:

Portions of the Southeast Quarter of the Northeast Quarter of Section 19; South Half of the Northwest Quarter of the Southwest Quarter and the Northwest Quarter of the Southwest Quarter of Section 20, all located in Township 2 South, Range 3 West, Washington County, Illinois on the Arnold Harre lease in the Nashville Field,

is herewith denied.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Mining Board Representative, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 30th day of September, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane

Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD. ILLINOIS

In the matter of the Application )
from Benz Oil Company to convert to )
an enhanced recovery disposal well )
the Webb Etal #2-SWD well located in )
Section 1, Township 6 South, Range 1
East, Franklin County, Illinois. )

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 10:30 A.M., Friday, July 26, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present were Carl L. Favreau, Attorney on behalf of Don and Karen Webb, opponent; C. R. Benz on behalf of Benz Oil Company, proponent; John Morgan, Don Webb and Karen Webb.

The State Mining Board having considered the oral testimony submitted in said cause by witnesses duly sworn and having examined the exhibits introduced in said cause and being fully advised in the matter finds:

That the application filed herein in accordance with Rule II-A of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations" for a permit to convert for salt water disposal purposes in the Aux Vases formation the following described well:

Webb Etal #2-SWD well located 330 feet North and 330 feet East of the Southwest corner of Section 1, Township 6 South, Range 1 East, Franklin County, Illinois,

shall be granted.

IT IS THEREFORE ORDERED that the application of Benz Oil Company to convert the above described well to an enhanced recovery disposal well is approved and a permit is granted.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 1st day of October, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the Application	)	
of Gerber Energy Corporation to	)	
operate as a pool the Hagen Unit	)	
described as Section 23, Township 1	)	Hearing Order No. 331
South, Range 10 East, Edwards County,	)	-
111/		

On August 8, 1985, Gerber Energy Corp., pursuant to the provisions of Act No 79-503 of the Public Acts of the State of Illinois, 1974, filed a Petition with the Illinois Mining Board for an Order providing for the unit operation of an area known as the "Hagen Unit" in Edwards County, Illinois.

After due notice as provided in Act No. 79-462 of the Public Acts of the State of Illinois, 1974, and by the Rules of Procedure in Public Hearings before the Illinois Mining Board, a public hearing was held on said Petition on September 6, 1985, in the City of Springfield, Illinois. At said hearing before the Illinois Mining Board, the Petitioner submitted proof, exhibits, evidence and testimony relating to a plan of unitized management, operation and enhanced recovery which the Petitioner recommended be approved by the Illinois Mining Board. Other interested parties were afforded an opportunity to be heard in connection therewith.

#### FINDINGS

The Illinois Mining Board finds:

- That the unitized management and operation is economically feasible and reasonably necessary to increase the ultimate recovery of oil and gas, to prevent waste, and to protect correlative rights; and
- (2) That the value of the estimated ultimate additional recovery of oil and gas will exceed the estimated additional cost, if any, incident to conducting the unit operation; and
- (3) That the areal extent of the pool or pools, or parts thereof, has been reasonably defined and determined by drilling operations, and the unitization and operation of such will have no substantially adverse effect upon the remainder of the pool or pools, or parthers therof; and
- (4) That the allocation of unit production to each separately owned tract is fair, reasonable and equitable to all owners of oil and gas rights in the unit area; and
- (5) That the determination and allocation of unit expense is fair, reasonable and equitable to the working interest owners; and
- (6) That the compensation or adjustment for wells, equipment and other properties of the working interest owners is fair, reasonable and equitable; and
- (7) That the plan for unitization has been accepted, signed or ratified, by more than 75% of the lessess of record within the unit area; and that said Plan has been accepted, signed or ratified by 100% of royalty interest owners of record within the unit area.

### ORDER

- IT IS THEREFORE, ORDERED by the Illinois Mining Board of the Department of Mines and Minerals, Division of Oil and Gas:
- 1. That the Petition filed in this Cause be and the same is hereby  $\ensuremath{\mathsf{granted}}.$ 
  - 2. That the "Hagen Unit" shall be the area described as follows:

Township 1 South, Range 10 East, Edwards County, Illinois Section 23: SE/4 NE/4, E/2 SE/4, E/2 W/2 SE/4

Township 1 South, Range 11 East, Edwards County, Illinois Section 19: SW/4 SW/4 NW/4, W/2 NW/4 SW/4

- 3. That a necessity exists for secondary recovery, pressure maintenance and related supplementary recovery techniques to promote the conservation of and to increase the ultimate recovery of unitized substances from the pool and prevent waste of the unitized substances.
- 4. That the Plan of Unitization is hereby made effective and that unitoperations under these agreements shall be commenced on this date.
- 5. The Department of Mines and Minerals retains continuing purisdiction over the Hagen Unit in order that it may exercise such administrative control as is consistent with its powers and duties as established by the statutes of the State of Illinois.

Signed and ordered this 5th day of November, 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane

Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the application of Prairie Energy, Inc. to form a 40 acre ) drilling unit and to authorize the drilling of the Hickman-Shambart Comm. } %1 well located in Section 12, Town- ship 6 South, Range 7 East, Hamilton ) County, Illinois.

HEARING ORDER NO. 332

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:00 A.M., on the 6th day of September, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present was David R. Hatch on behalf of Prairie Energy, Inc., proponent. No one appeared on behalf of the objectors.

The State Mining Board having considered the oral testimony of the witness duly sworn and being fully advised in the matter of the application of Prairie Energy, Inc. for an integration order to establish a 40 acre drilling unit described as follows:

Northwest quarter of the Southeast quarter to authorize the drilling of a well to be known as the Hickman-Shamhart Comm. #1 well to be located:

330 feet North and 330 feet West of the Southeast corner of the Southeast quarter of the Northwest quarter of Section 12, Township 6 South, Range 7 East, Hamilton County, Illinois,

### finds:

- That in the interest of conservation and in the protection of the correlative rights of those interested in the development of the pool, that the application of Prairie Energy, Inc. should be granted.
- That the parties involved should integrate their interest in the development of their lands.

IT IS THEREFORE ORDERED that a drilling unit consisting of 40 acres and described as the Northwest quarter of the Southeast quarter of Section 12, Township 6 South, Range 7 East, Hamilton County, Illinois, is established, and Prairie Energy, Inc. is authorized to drill a well on said drilling unit to be known as the Hickman-Shamhart Comm. #1 well located 330 feet North and 330 feet West of the Southeast corner of the Southeast quarter of the Northwest quarter of

Section 12, Township 6 South, Range 7 East, Hamilton County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to commencement of drilling or within FIFTEEN (15) DAYS
after receipt of this order, the objector and operator agree to terms
of participation in the well, these terms may be substituted for this
forced integration order. If the objector elects to participate in the
well, he must enter into an agreement with the operator, and this
agreement must be filed with the Mining Board prior to commencement of
drilling of the well. Failure to reach an agreement will necessitate
the participation to be on the following basis.

IT IS FURTHER ORDERED that Prairie Energy, Inc. shall drill the said well and that G. H. Large Trust shall participate in the drilling unit described above to the extent of 4.17% of the 7/8ths working interest and to the extent of 4.17% of the 1/8th royalty interest; and that Kenneth W. Hopkins shall participate in the drilling unit described above to the extent of 1.56% of the of the 7/8ths working interest and to the extent of 1.56% of the 1/8th royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2 (d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96j of the Illinois Revised Statutes. The participation factor is determined to be:

- 1. 4.17% of the costs and expenses of all surface equipment and 4.17% of the costs of operating the well concerned with the first production to be borne by G. H. Large Trust; and 1.56% of the costs and expenses of all surface equipment and 1.56% of the costs of operating the well concerned with first production to be borne by Kenneth W. Hopkins; and 94.27% of the costs and expenses of all surface equipment and 94.27% of the costs of operating the well concerned with the first production to be borne by Prairie Energy, Inc.
- 6.255% of actual costs and expenses of drilling, testing and completing the well to be borne by G. H. Large Trust; and

2.34% of actual costs of drilling, testing and completing the well to be borne by Kenneth W. Hopkins; and 91.405% of the actual costs and expenses of drilling, testing and completing said well to be borne by Prairie Energy, Inc.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield Sangamon County, Illinois, this 7th day of November, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

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Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, Illinois

In the matter of the application of )
Gator Oil Company to convert to a salt )
water injection well the Dunahee #1 ) HEARING ORDER NO. 333
located in Sec. 16, Township 3 North, )
Range 7 East, Clay County, Illinois. )

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 9:00 A.M., on the 1st day of November, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane. Appearances were also made by Patrick L. Duke, Attorney at Law on behalf of Gator Oil Company, James E. Blumthal, on behalf of Gator Oil Company, proponent, and Jake Klein, opponent.

The State Mining Board having considered the oral testimony submitted in said cause by witnesses duly sworn and having examined the exhibits introduced in said cause and being fully advised in the matter finds:

That the application filed herein in accordance with Rule II-A of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations" for a permit to convert to a salt water injection well the following described well:

Dunahee #1 well located 330 feet North and 330 feet East of the Southwest corner of the Southwest quarter of the Southwest quarter of the Northeast quarter of Section 16, Township 3 North, Range 7 East, Clay County, Illinois,

shall be granted.

IT IS THEREFORE ORDERED that the application of Gator Oil Company to convert the above described well to a salt water injection well is approved and a permit is granted.

If you have any questions pertaining to this matter, please contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 11th day of December, A.D., 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane Mining Board Representative

# STATE OF ILLINIOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In the matter of the Petition of	)		
Frank Yockey for the formation	)		
of the West Salem South Unit in	)		
Edwards County, Illinois pursuant	)		
to the rules and regulations of	)	HEARING ORDER NO.	334
the Illinois Department of Mines	)		
and Minerals, Division of Oil	)		
and Gas.			

This cause came on for hearing before the State Mining Board in the Stratton Office Building, Springfield, Illinois, at 1:30 P.M. on November 27, 1985. Present for the hearing for the State Mining Board was Mr. George R. Lane, Hearing Officer. Also present was Peter A. Morse, Sr., attorney, on behalf of Frank Yockey. Witness for the Petitioner was James E. Palmer, PHD, Engineer. All interested parties were afforded an opportunity to be heard in connection therewith.

The Hearing Officer heard the cause and considered the oral testimony of witnesses duly sworn and being fully advised in the matter has found:

### FINDINGS

- That the unitized management and operation is economically feasible and reasonably necessary to increase the ultimate recovery of oil and gas, to prevent waste, and to protect correlative rights; and,
- That the value of the estimated ultimate additional recovery of oil and gas will exceed the estimated additional cost incident to conducting the unit operation; and,
- 3. That the areal extent of the pool or pools, or parts thereof, has been reasonably defined and determined by drilling operations, and the unitization and operation of such will have no substantially adverse effect upon the remainder of the pool or pools, or parts thereof; and,
- 4. That the allocation of unit production to each separately owned tract is fair, reasonable and equitable to all owners of oil and gas rights in the unit area; and,
- That the determination and allocation of unit expense is fair, reasonable and equitable; and,

- 6. That the compensation or adjustment for wells, equipment and other properties of the working interest owners is fair, reasonable and equitable; and,
- 7. That the plan for unitization has been approved in writing by those persons who under this Order will be required to pay more than seventy-five per cent (75%) of the unit expense and also by the persons owning more than seventy-five per cent (75%) of the unit production, or proceeds thereof, that will be credited to interest which are free of unit expense, including, but not limited to royalties, overriding royalties, carried interest, net profit interests, and production payments within the West Salem South Unit; and,
  - 8. That proper notice of the time and place of the Hearing was given.

### ORDER

IT IS THEREFORE ORDERED by the Mining Board of the Department of Mines and Minerals, Division of Oil and Gas:

- That the Petition of Frank Yockey as Unit Operator, be granted and that the West Salem South Unit is hereby created in accordance with and subject to the terms, provisions and conditions of the Petition for Unitization as filed in these proceedings.
- 2. That the West Salem South Unit shall be the area outlined on the Map, Exhibit "A", attached to the Petition for Unitization, and that the Petition for Unitization is made a part of this Order by reference with the same force and effect as if set out herein in its entirety.
- 3. That each of the tracts within the Unit Area, as shown on Exhibit "A", attached to the Petition for Unitization, subject to the terms and provisions of the Petition for Unitization shall participate in the unit production and in other benefits and burdens of the unit in accordance with the specified tract participation.
- That petitioner is authorized to proceed with the enhanced recovery operations set forth in its petition and as presented to the Board.
- That the West Salem South Unit is hereby made effective and unit operations under these agreements can be commenced.

The Department of Mines and Minerals retains continuing jurisdiction over the West Salem South Unit in order that it may exercise such administrative control as is consistent with its powers and duties as established by the statutes of the State of Illinois.

DATED at Springfield, Sangamon Co., Illinois, this  $\underline{16th}$  day of December, 1985.

BY ORDER OF THE STATE MINING BOARD:

George R. Lane / Mining Board Representative

# STATE OF ILLINOIS DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL AND GAS SPRINGFIELD, ILLINOIS

In The Matter Of The Application of )
TEBCO, INC., To Form a 40-Acre Drilling)
Unit and to Authorize the Drilling of )
The Ruth Bookhout Comm. #1 Well ) Hearing Order No. 313
located in Section 2, Township 8 South )
Range 10 East, Gallatin County,
Gallatin County, 11linois )

### HEARING ORDER #313 AS AMENDED

This cause came on for hearing before the State Mining Board in Room 704, Stratton Office Building, Springfield, Illinois at 1:30 P.M. Central Standard Time, on the 28th day of March, 1985. Present for the hearing for the Mining Board was Mr. George R. Lane, Hearing Officer. Also present were Teb Blackwell, President, TEBCO, Inc., Thomas A. Cook, Landman and Safety Manager, George N. Mitchell Drilling Co., Inc., both of whom appeared on behalf of the applicant and Dayton L. Thomas, an attorney at law, Ridgeway, Illinois, for and on behalf of the Objector, First National Bank & Trust Company as Trustee, Pat Scates & Sons, a Farming Partnership, and Stephen J. Scates, Shawneetown, Illinois, and Rich Clemmons, Director of Local Governmental Legislation.

The purpose of the hearing was to consider the application submitted by TEBCO, Inc., at a hearing held on November 28, 1984, after which an Order was entered approving the permit, said Order having been dated January 18, 1985. Subsequent to the execution of the Order by

the State Mining Board, questions were presented concerning whether or not TEBCO, Inc. was registered to transact business in the State of Illinois. The permit authorized under date of January 18, 1985 was suspended pending proof by TEBCO, Inc. of its authorization to transact business in the State of Illinois. Evidence was submitted by TEBCO, Inc. which set forth that under date of February 27, 1985, TEBCO, Inc., a corporation organized under the laws of the State of Oklahoma, was authorized to transact business in the State of Illinois. The authorization to transact business in the State of Illinois was recorded on March 15, 1985 in Volume 64 of Miscellaneous Documents at page 119 of the records in the office of Recorder of White County, Illinois. Evidence was submitted by TEBCO, Inc. showing that 25% of the minerals in and under the property described and referred to in Hearing Order No. 313 was owned by the First National Bank & Trust Company of Carbondale, Illinois, as Trustee under a trust numbered 79-11. Evidence was also presented that the First National Bank & Trust Company of Carbondale as Trustee under the provisions of a Trust Agreement dated January 31, 1979 and also known as Trust No. 79-11 executed, acknowledged and delivered a Mortgage to the Federal Land Bank of St. Louis, which Mortgage was duly recorded on May 17, 1982 in Mortgage Record 48 at page 48 of the records in the office of the Recorder of Gallatin County, Illinois.

Evidence was presented showing that TEBCO, Inc. has acquired oil and gas leases covering the Southwest Quarter of Section 2; the East Half and Southeast Quarter of the Southwest Quarter of Section 3; the North Half of the Northeast Quarter and the East Half of the Northwest Quarter of Section 10, all in Township 8 South, Range 10 East of the Third Principal Meridian, Gallatin County, Illinois, and containing approximately 680 acres, more or less, which leases were obtained from the following mineral owners:

Thomas E. Blackwell, Trustee of J. Louis Crawford and Mollie P. Crawford Trust

George S. Busiek, Trustee of the Estate of Walter L. Southgate

James E. Busiek and the First National Bank of Kansas City Missouri, Co-Trustees under the Will of E.H. Busiek, Deceased

James E. Busiek, Executor of the Estate of Juliet W. Busiek, Deceased

James E. Busiek

George S. Busiek

John D. Busiek

Julie Christine Busiek

Mollie P. Crawford

Betty June Paterson Miller & Leroy J. Miller, her husband

Centerre Trust Company and Josephine Otelia Hourn, Co-Trustees U/W/O George E. Hourn, Deceased

Evidence was presented that leases had been obtained from Ruth Anderson Bookhout, who owns what was alleged to be 5%, and from Joanne Paterson Hodges, who owns approximately 2.3% of the minerals.

Ruth Anderson Bookhout and Joanne Paterson Hodges and the Federal Land Bank of St. Louis did not appear at the hearing which was held at the State Mining Board. TEBCO, Inc. has heretofore presented to the State Mining Board its application to form a 40-acre drilling unit and has requested authorization to drill the Ruth Bookhout Community No. 1 well, which is to be located in the Northeast Quarter of the Southwest Quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois. The State Mining Board considered the oral testimony of witnesses at the preliminary hearing held at 9:15 A.M. on the 28th day of November, 1984 and the subsequent hearing held on March 38, 1985 at 1:30 P.M. and the testimony of the Objectors, and after having first denied the request by the Objectors to dismiss the application that had been filed by TEBCO, Inc., continued to proceed with the hearing on the application of TEBCO, Inc. for an Integration Order to establish a forty acre drilling unit described as follows:

The Northeast Quarter of the Southwest Quarter of Section 2, Township 8 South, Range 10 Bast, Gallatin County, Illinois, and containing 40 acres, more or less

with the well to be located on the said unit at the following location: 990 feet North and 990 feet West of the Southeast corner of the Northeast Quarter of the Southwest Quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois.

The State Mining Board finds from having considered all the testimony, affidavits and documents filed in this cause, and being fully advised of the farming operations conducted by Pat Scates & Sons, a Farming Partnership, and with full knowledge that a center pivot irrigation system has been used on said tract and other areas under lease by TEBCO, Inc., believes that the objections filed by the Objectors pertaining to anticipated interruptions of farming

operations are possibilities, and not actualities, and for that reason, the State Mining Board finds as follows:

- 1. That in the interest of conservation and in the protection of the correlative rights of those interested in the development of oil and gas in the State of Illinois, that the application of TEBCO, Inc. for an Integration Order to establish a 40 acre drilling unit described as being the Northeast Quarter of the Southwest Quarter of Section 2, Township 8 South, Range 10 Eat, Gallatin County, Illinois, should be granted.
- 2. That all parties involved should, in the interest of conservation and protection of oil and gas, integrate their interest in the development of the lands described in this Order.

IT IS, THEREFORE, ORDERED that a drilling unit consisting of 40 acres and described as the Northeast Quarter of the Southwest Quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois, is established, and TEBCO, Inc. is authorized to drill a well on said drilling unit to be known as the Ruth Bookhout Comm. \$1 well to be located 990 feet North an 990 feet West of the Southeast corner of the Northeast Quarter of the Southwest Quarter of Section 2, Township 8 South, Range 10 East, Gallatin County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit.

If prior to the commencement of drilling oprations on the lands described in this Integration Order the First National Bank & Trust Company of Carbondale, Illinois and TEBCO, Inc. agree to terms of participation in the drilling of the well, the terms agreed upon may be substituted for this forced Integration Order. Should the First National Bank & Trust Company of Carbondale, Trustee under the provisions of a trust agreement dated January 31, 1979 and known as Trust No. 79-11 elect to participate in a well, it must enter into a written agreement with TEBCO, Inc. and this written agreement must be filed with the Mining Board prior to the commencement of drilling of the well. Failure to reach an agreement on behalf of all objectors, whether before the Board, or whose interest has been presented to the Board, will necessitate the participation to be on the following basis:

IT IS FURTHER ORDERED THAT TEBCO, Inc. shall drill the said well and that First National Bank & Trust Co. of Carbondale, Illinois as Trustee under Trust No. 79-11, dated January 31, 1979 and Stephen Scates, Pat Scates, Sr., Mark Scates, Hugh David Scates, Joe Scates, Thomas Scates d/b/a Pat Scates & Sons, a Farm Partnership (herein referred to as Scates Trust) shall participate in the drilling unit described above to the extent of 25% of the 7/8 working interest and to the extent of 25% of the 1/8 royalty intereste in the drilling unit; and that Ruth Anderson Bookhout shall participate in the drilling unit described above to the extent of 5% of the 7/8 working interest and to the extent of 5% of the 1/8 royalty interest in the drilling unit;

and that Joanne Paterson Hodges shall participate in the drilling unit described above to the extent of 2.3% of the 7/8 working interest and to the extent of 2.3% of the 1/8 royalty interest in the drilling unit. The participation factor shall be in accordance with Section 22.2(d) of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources and Rules and Regulations", being a part of Chapter 96 1/2 of the Illinois Revised Statutes. The participation factor is determined to be:

- 1. 25% of the costs and expenses of all surface equipment and 25% of the costs of operating the well concerned with the first production to be borne by "Scates Trust" and 5% of the costs and expenses of all surface equipment and 5% of the costs of operating the well concerned with first production to be borne by Ruth Anderson Bookhout, and 2.3% of the costs and expenses of all surface equipment and 2.3% of the costs of operating the well concerned with the first production to be borne by Joanne Paterson Hodges and 67.7% of the costs and expenses of all surface equipment and 67.7 of the costs of operating the well concerning the first production to be borne by TEBCO, Inc.
- 2. 37.5% of actual costs and expenses of drilling, testing and completing the well to be borne by "Scates Trust" and 7.5% of actual costs and expenses of drilling, testing, and completing the well to be borne by Ruth Anderson Bookhout, and 3.45% of actual costs and expenses of drilling, testing, and completing

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the well to be borne by Joanne Paterson Hodges, and the balance of the actual costs (51.55%) of drilling, testing and completing said well to be borne by TEBCO, Inc.

This is a final order and a drilling permit is being issued pursuant to said Order. Should you have any questions pertaining to this matter, you are to contact Mr. George R. Lane, Petroleum Engineer, whose telephone number is 217-782-7756.

DATED at Springfield, Sangamon County, Illinois, this 27th day of December, A.D. 1985.

BY ORDER OF THE STATE MINING BOARD:

George R Lane

Mining Board Representative





LAND RECLAMATION DIVISION
DEPARTMENT OF MINES AND MINERALS
227 South 7th Street - Suite 201
Springfield, Illinois 62701
Fhone: 217-782-4970

Douglas Downing, Supervisor

### DIVISION STAFF

Ronald Armstrong, Account Technician
Ernest Ashby, Permit Coordinator
Mary Beth Ballard, Clerk Typist
Betty Hayes, Secretary
John Henriksen, Technical Advisor
Daniel Hopson, Technical Advisor
Reba Kozelka, Correspondent
Sue Laue, Public Information Officer
Michele Phillips, Reclamation Specialist
Connie Shewmake, Correspondent (1/1-1/11/85)
Rosemary Sugent, Clerk Stenographer
Laura Wilson, Correspondent
Helen Young, Accountant

### Non-Coal (Aggregates) Field Staff

Linda HiltabrandPhone:	815-446-4890
Donald PfledererPhone:	309-925-5106
Michael PorterPhone:	618-687-3783

NORTHERN DISTRICT
227 South 7th Street - Suite 201
Springfield, Illinois 62701
Phone: 217-782-4970

Johnny Reising, District Supervisor

Ronald Dale, Blasting Specialist
Paul Ehret, Environmental Protection Specialist
Willis Gale, Jr., Reclamation Specialist
Darrell Lewis, Environmental Protection Engineer (1/1 - 7/31/85)
Allen Oertel, Environmental Protection Specialist
Michael Sponsler, Reclamation Specialist
Scott Schmitz, Reclamation Specialist

### SOUTHERN DISTRICT 202 East Main Street - Suite 206 Marion, Illinois 62959 Phone: 618-997-6391

### Charles Medvick, District Supervisor

Robert Anderson, Blasting Specialist
Lauren Beckman, Reclamation Specialist
Mabel Chapman, Correspondent
Randy Davis, Reclamation Specialist
James French, Reclamation Specialist
James French, Reclamation Specialist
Dann Livesay, Reclamation Specialist
Danny Lowry, Engineer
Alan Meyers, Reclamation Specialist
John Mitchell, Reclamation Specialist
Dale Nolan, Reclamation Specialist
William O'teary, Reclamation Specialist
Dan Smith, Reclamation Specialist
Dan Smith, Reclamation Specialist (1/1 - 9/15/85)
Dean Spindler, Reclamation Specialist (Soils)

State Agencies assisting the Land Reclamation Division reviewing applications by way of Interagency Agreements: Illinois Environmental Protection Agency Illinois Department of Agriculture Illinois Department of Conservation Illinois Department of Energy and Natural Resources Illinois Department of Transportation, Division of Water Resources Illinois Department of Commerce and Community Affairs

### MEMBERS OF SURFACE MINING ADVISORY COUNCIL

DR. W. D. KLIMSTRA (Chairman) 13 Hillcrest Drive Carbondale, Illinois 62901

HENRY N. BARKHAUSEN Route 1 Jonesboro, Illinois 62952

WENDELL R. CLARK Rural Route 1 Victoria, Illinois 61485

GEORGE E. DIRKES 522 West Burlington LaGrange, Illinois 60525 RAY F. LAMBERT (Vice Chairman) Rural Route 1 Cutler, Illinois 62238

W. ARLEY LEMONS 702 North Park Sesser, Illinois 62884

RICHARD E. LOUNSBURY
P.O. Box 496
Carlinville, Illinois 62626

KENNETH STELLHORN Rural Route 2 Red Bud, Illinois 62278

## ANNUAL REPORT LAND RECLAMATION DIVISION

A state surface coal mining regulatory program has been in existence in Illinois since 1962. The Open Cut Land Reclamation Act (OCR) required spoil ridge tops to be levelled, graded and vegetated. Requirements for reclamation were increased under the Surface Mined Land Reclamation Act (SMLRA) of 1968. The Surface Mined Land Conservation and Reclamation Act (SMLCRA) was passed in 1971 and has been amended periodically adding stricter provisions. In 1977, the federal Surface Mining Control and Reclamation Act, P. L. 95-87, was passed and states were required to develop regulatory programs at least as stringent as the federal rules and regulations. Illinois amended SMLCRA in 1978 to obtain the authority to operate an interim regulatory program until federal approval was received for a permanent regulatory program. Under the interim program coal operators were exempted from certain performance standards to become effective under the permanent program.

The Illinois Surface Coal Mining Land Conservation and Reclamation Act was enacted on June 1, 1980, (1980 Act) in order to allow development and implementation of the permanent program. Illinois' program was conditionally approved by the Secretary of the U. S. Department of the Interior on June 1, 1982. All performance standards became effective for coal operations February 1, 1983. Active surface and underground coal mining operations and secondary or carbon recovery operations in the state are presently regulated under the permanent program. Each operation which operated after February 1, 1983, was required to submit a new permit application for the permanent program by August 3, 1982, and be repermitted. The program is presently funded with a 50 percent federal match of state funding.

Also, federal approval of the state program has enabled Illinois to receive its 50 percent share of federal reclamation funds for restoration of abandoned mined lands. Other types of mining in the state, aggregate mining for limestone, shale and clay, etc., continue to operate under SMLCRA as amended in 1977. No rule or law changes were made for these operations in 1985.

Under these laws and regulations a report is prepared annually detailing acres mined in the state, permits issued, reclamation progress and enforcement and inspection activities. Data reflecting mining and reclamation operations for surface coal mining facilities prior to the Department's permanent regulatory program under the 1980 Act and aggregate data are included in Tables 1-13. Data on surface coal mining under the permanent program are in Tables 1, 5 and 14-25. Tables 14-25 contain information dealing with the permanent program for coal mining and carbon recovery operations.

Prior to July 1976 the Department issued permits as annual permits and after 1976 for one, two or three years. Operating permits issued since 1962 are listed in Table 1 according to their year of termination. The law under which permits were issued is also identified.

For permits issued since 1962, a total of 828 permit locations at 249 mines/inspectable units were being inspected as of December 31, 1985, for all types of surface mineral extraction and surface facilities at underground mines. For coal, 427 permit locations were under inspection for 113 inspectable units. An inspectable unit may contain several locations within a mining operation. Surface areas of underground coal mines, refuse disposal areas, surface mine support facilities, as well as carbon recovery operations were inspected in 1985. For limestone extraction, 268 permit locations were under inspection at 89 mines; for shale and clay, 24 permit locations at 8 mines; for silica sand, 44 permit locations at 10 mines; and for sand and gravel, 63 permit locations at 29 mines.

The total number of acres under permits since permit issuance began in 1962 is 304,549.82. The majority of this land (290,355.52 acres) is for coal operations. Of the remaining area, 9,934.30 acres have been permitted for limestone operations, 2,568.70 acres for sand and gravel, 1,124.62 acres for silica sand and 484.38 acres for shale and clay.

Acres affected by mining activities, including overburden removal and surface facilities, (154,446.04 acres) is somewhat lower than permitted acres. The total acres affected are 143,782.82 for coal, 7,648.14 for limestone, 1,866.03 for sand and gravel, 706.33 for silica sand and 361.92 for shale and clay. Under the permanent program, reporting of affected acreages for areas utilized to facilitate surface coal mining after February 1, 1983, was also required for surface coal mine support facilities, carbon recovery sites and refuse area permits. A detailed breakdown of the permanent program affected acreage can be found in Table 15. Affected acreage reports were not required for surface operations associated with underground mines. However, reporting will be required in the near future.

A total of 9,116.78 acres have been reaffected by mining operations. For coal, 9,074.23 acres have been reaffected while 34.30 acres have been reaffected by limestone operations and 8.25 acres have been reaffected by shale and clay operations. In addition, a total of \$9,271,098.44 in fees for permits had been collected, primarily for coal mining operations.

# SUPPLIC OF SUREACE HONE PERHITS AND ACREACES APPLICATION UNDER TRICKE PERHITS ISSUED JANUARY 1, 1962 TRICKEN DECORRER 31, 1965

TABLE 1

MINERAL	PERMITS ISSUED	PERMIT LOCATIONS UNDER INSPECTION	PERMIT PEES COLLECTED	PERMIT	AFPECTED ACRES	REAFFECTED ACRES
mar.	62 THROUGH 72 PERMITTS SMLRA *1	0	385878.53	66.24.99	66260.22	0.00
	72 THROUGH 76 PERMITS SMLCRA #2	35	638675.00	25212.72	21774.28	554.11
	76 PERMITS SMLCRA AMENDED #3	-	975.00	32.10	10.10	0.00
		2	3125.00	114.50	97.40	0.00
	PERMITS	80	42400.00	1679.90	1083,30	245.00
	PERMITS	89	515450.00	20705.60	14674.45	549.70
	PERMITS SMACRA	61	100725.00	7463.80	2830.88	131.13
	PERMITS	-	21325.00	850.30	507.90	2,00
	81 PERMITS SM.CRA AMENDED	œ	67850.00	2691.10	1091.70	389.20
	HERMITS.	7	51275.00	2043.00	1187.10	0.00
	PERMITS SMACRA (AMENDED	31	559200.00	24206.90	8566.83	177.90
	PERMITS	91	119350.00	4736.10	2592.33	35.50
	84 PERMITS SMLCRA (AMENDED 1978) *4	=	170275.00	05.9699	1495.81	76.70
	85 PERMITS SMLCRA (AMENDED 1978) *4	7	42475.00	2061.40	04.797	0.00
	PERMANENT PROGRAM PERMITTS SMLCRA *5					
	SURFACE MINING & CARBON RECOVERY	۶	4748242.80	73415.90	14200.32	6912.99
	UNDERCACIND OPERATIONS	45	341616.25	13755.24	1	1
	REFUSE *7	643	80808,50	1	1	1
	SURFACE MINE SUPPORT FACILITIES *6	25	530700.00	21059.80	6642.50	1
	UNDERGROUND MINE SURFACE OPERATIONS	33	487562.50	79° 50861	1	1
	TOTAL	727	88907908.58	290355.52	143782.82	9074.23
	113 INSPECTABLE UNITS WITH 427 PERMIT LOCATIONS					

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TMLE 1, (Continued)

MDNERAL	PERMITS ISSUED	PERMIT LOCATIONS UNDER INSPECTION	PERMIT PRES COLLECTED	PERMIT	APPECTED ACRES	REAFFECTED ACRES
LIMESTONE	62 THROUGH 72 PERMITTS SMLCRA	6	48145.35	2977.21	2585.94	0.00
	72 THROUGH 76 PERMITTS SPLORA	92	68875.00	2552.28	2063.42	00.00
	76 PERMITS SMICRA AMENDED	0	2525.00	89.00	89.00	0.00
	77 PERMITIS SMLCRA AMENDED	2	1450.00	05.64	28.00	0.0
	PERMITS	e	4475.00	157.60	107.40	0.00
	79 PERMITS SMICRA AMENDED	**	22950.00	865.00	814.63	23.30
	HERMITS.	77	13875.00	522.40	431.30	7.50
	81 PERMITS SMLCRA AMENDED	6	7425.00	263.65	158.86	00.00
	82 PERMITS SMACRA AMENDED	53	9875.00	360.75	257.83	0.00
	83 PERMITIS SMLCRA AMENDED	51	9875.00	362.83	199.04	0.00
	84 PERMITS SMLCRA AMENDED	53	8475.00	302.14	216.64	0.00
	85 PERMITS SMLCRA AMENDED	3	7425.00	304.85	176.50	0.00
		**	12275.00	07.144	285.00	0.00
	87 PERVITIS SMLCRA AMENDED	31	14225.00	500.68	234.58	3.50
	88 PERMITS SMLCRA AMENDED	77	5250.00	184.71	1	1
	REFUSE 7/1/68 THROUGH 12/31/85	4	800.00	1	1	1
	TOTAL	268	\$237920.35	9934.30	7648.14	34.30
_	89 MINES WITH 268 PERMIT LOCATIONS					

REAFFECTED ACRES	000000000000000000000000000000000000000	888 8	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
AFPECTED ACRES	20.39 20.35 20.35 20.35 122.33 122.33 170.36 114.36 114.30 115.00	44.50 125.10 0.00 — — 1866.03	197.04 80.58 5.00 3.46 6.50 6.50 13.40 8.30 13.40 8.30 13.00 10.00
ACRES	84.00 777.00 21.00 253.70 161.84 115.00 288.56 348.10 151.00 151.00	87.50 151.00 92.00 — 2568.70	245.75 106.68 5.00 48.00 8.25 10.00 10.00 10.00 10.00 12.00 12.00 12.00
COLLECTED	21575.00 675.00 6775.00 6775.00 4100.00 2825.00 6650.00 9125.00 9125.00	2300.00 4325.00 2500.00 1925.00 71515.50	5854, 03 4025, 00 1175, 00 275, 00 275, 00 275, 00 375, 00 375, 00 375, 00 375, 00 375, 00 375, 00 375, 00 375, 00 375, 00
UNDER INSPECTION	0 El 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	63	8 4
PERMITS ISSUED		66 PERMITS SALCAR APPOED 87 PERMITS SALCAR APPOED 88 PERMITS SALCAR APPOED REFUSE 7/1/66 THROUGH 21/31/85 TOTAL 29 MINES WITH 63 PERMIT LOCATIONS	62 THEOLISH 72 PERMITS SHLAA 72 THEOLISH 76 PERMITS SHLOAA 78 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 82 PERMITS SHLOAA AMENDED 83 PERMITS SHLOAA AMENDED 85 PERMITS SHLOAA AMENDED 85 PERMITS SHLACA AMENDED 86 PERMITS SHLACA AMENDED 86 PERMITS SHLOAA AMENDED 87 PERMITS SHLOAA AMENDED 88 PERMITS SHLOAA AMENDED 89 PERMITS SHLOAA AMENDED 89 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 82 PERMITS SHLOAA AMENDED 83 PERMITS SHLOAA AMENDED 84 PERMITS SHLOAA AMENDED 85 PERMITS SHLOAA AMENDED 86 PERMITS SHLOAA AMENDED 86 PERMITS SHLOAA AMENDED 86 PERMITS SHLOAA AMENDED 87 PERMITS SHLOAA AMENDED 87 PERMITS SHLOAA AMENDED 88 PERMITS SHLOAA AMENDED 88 PERMITS SHLOAA AMENDED 88 PERMITS SHLOAA AMENDED 89 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 80 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS SHLOAA AMENDED 81 PERMITS
MINERAL	SAND & GRAVEL	·	SHARE &

REAFFECTED ACRES		554.11 0.00 0.00 0.00 573.00 146.88 2.00 389.20 0.00 0.00 0.00 0.00 38.50
APPECTED	120.17 143.70 20.00 100.97 80.80 89.80 77.15 33.48 25.56 5.00 0.00	69220.76 24.766.18 99.10 123.40 123.45 1386.11 507.90 1333.06 1187.10 531.29 856.83 341.34
PERMIT	177.65 20.00 120.87 120.87 120.87 150.80 130	70109-60 28805-24 121-10 164-00 1883-50 22005-17 5200-89 850-30 3079-75 2043-00 787-41 24206-99 720-93
PERMIT FIES COLLECTED	3324.98 5075.00 550.00 3625.00 2175.00 4275.00 4275.00 1625.00 2500.00 1975.00 1975.00 1375.00 2500.00 2500.00 3424.98	445918.39 738225.00 350.00 48775.00 48775.00 550300.00 123325.00 51275.00 51275.00 51275.00 51275.00 51275.00 51275.00 51275.00
PERMIT LOCATIONS UNDER INSPECTION	0 - 0 = 0 = 0 = 0 = 0 = 0 = 0	683 14 E E I 24 1 E E E I 24 1 E E E E E E E E E E E E E E E E E E
PERMITS ISSUED	62 THEOLISH 72 PERMITS SMLRA 72 THEOLISH 76 PERMITS SMLCAA 78 PERMITS SMLCAA AMEDIED 80 PERMITS SMLCAA AMEDIED 80 PERMITS SMLCAA AMEDIED 82 PERMITS SMLCAA AMEDIED 84 PERMITS SMLCAA AMEDIED 85 PERMITS SMLCAA AMEDIED 85 PERMITS SMLCAA AMEDIED 86 PERMITS SMLCAA AMEDIED 86 PERMITS SMLCAA AMEDIED 87 PERMITS SMLCAA AMEDIED 88 PERMITS SMLCAA AMEDIED 88 PERMITS SMLCAA AMEDIED 88 PERMITS SMLCAA AMEDIED 89 PERMITS SMLCAA AMEDIED 10 PINNES WITH 444 PERMITF LICCATIONS	62 THROLGH 72 PERMITS SMLAN 72 THROLGH 76 PERMITS SMLCAN 74 PERMITS SMLCAN MENDED 78 PERMITS SMLCAN MENDED 79 PERMITS SMLCAN AMENDED 80 PERMITS SMLCAN AMENDED 80 PERMITS SMLCAN AMENDED 81 PERMITS SMLCAN AMENDED 82 PERMITS SMLCAN AMENDED 82 PERMITS SMLCAN AMENDED 83 PERMITS SMLCAN AMENDED 83 PERMITS SMLCAN AMENDED 84 PERMITS SMLCAN AMENDED 85 PERMITS SMLCAN AMENDED 86 PERMITS SMLCAN AMENDED 87 PERMITS SMLCAN AMENDED 88 PERMITS SMLCAN AMENDED 88 PERMITS SMLCAN AMENDED 89 PERMITS SMLC
MONERAL	SAVO	TOTALS

MINERAL	PERMITS ISSUED	PERMIT LOCATIONS UNDER INSPECTION	PERMIT PEES	PERMIT	APPECTED ACRES	REAFFECTED ACRES
COMPOSITIE	84 PERMITS SPLCSA AMENDED	21	15925.00	588.14	413.29	0.00
TUTALS	84 PERMITS SPLANA (AMENDED 1978)	=	170275.00	05.9689	1495,81	26.70
(Cont.)		*	11375.00	443.90	295.98	0.00
	85 PERMITTS SMLCRA (AMENDED) 1978)	7	42475.00	2061 40	07.70	00.00
	PERMARKT PROCRAM					
	SURFACE MINING & CAUBON RECOVERY	8	4748242.80	73415.90	14200.32	6912.99
	INDERCROTHO OPERATIONS	54	341616.25	13755.24	0.0	0.00
	86 PEDRITTS SPLCRA APPRIDED	31	17375.00	622.59	329.86	00°0
	87 PERMITS SPECIAL APPRIDED	89	20625.00	727.98	366.68	3,50
	-	61	9475.00	338.81	00.00	0.00
	BECHTSP: 7/1/68 THROUGH 12/31/85	2	91058.50	0.00	00.00	0.00
	STREAMS MINE SUPPORT EACHLITIES	ß	530700.00	21059.80	6642.50	00.00
	UNDERGROUND HINE SURPACE OPERATIONS	æ	487562.50	19805.67	0.00	0.00
	TOTALS 269 MINES/DISPECTABLE UNITS WITH 828 PERMIT LOCATIONS	828	9271098.44	304549.82	154466.04	9116.78

SHLAA SURRACE MUMED LAND RECLAMMITION ACT; 1/1/62 THEORICH 9/16/71	SYLCRA SURPACE MINED LAND CONSERVATION AND RECLAMATION ACT;	9/17/71 THROUGH 6/30/75	SPLCRA (APENDED) SURPACE HINED LAND CONSERVATION AND RECLAMATION ACT;	7/1/75 THEOLOGY 12/31/81	SHLORA (AMENDED 1978) SURFACE MONED LAND CONSERVATION AND RECLAMATION ACT;	8/11/78 THROUGH 12/31/83 (COAL CNLX)	PERMINENT PROCESAM	SCHLORA (1980 ACT) - 2/1/83 THROUGH 6/30/85 AFPECTIOD ACPEACE ONLY	SYLAR AND SYLCRA (AMENDED) - 7/1/68 THROUGH 8/11/78
<del>-</del>	7		Ž,		ŧ		¥	9	#1

### TABLES 2 and 3

Tables 2 and 3 reflect the amount of land reclaimed in the state under the three state laws prior to the 1980 Act - OCR and SMLRA (Table 2) and SMLCRA (Table 3). Totals on Table 2 are listed according to the calendar year the acreage was affected and the year this affected acreage was reclaimed and the bond released. Totals on Table 3 are listed according to the fiscal year that the permit for mineral extraction expires. These tables include only those acres for which grading and vegetation bond was released. Those acres with vegetation bond remaining (which may have had the grading bond previously released) are not included on either Table. Adjustment bond release for repermitted refuse areas and reaffected acreage are tallied separately.

A total of 103,181 acres were mined for coal prior to December 31, 1961, when permit and reclamation requirements came into effect. The reclamation totals given in Table 2 are for coal mining permits issued from 1962 through 1968 under OCR and for permits issued from fiscal year 1969 through fiscal year 1972 under SMLRA. Reclamation totals are occasionally higher than acres affected because acres reclaimed prior to the first law (OCR) which met the minimum standards were included in the totals (Table 2 only). For coal and limestone, about half of the total reclaimed acres were graded for crop or pasture and about half for strike-off pasture. Nearly half of the shale and clay, the silica sand and sand and gravel acres were graded for crop or pasture.

Total acres reclaimed in Table 3 are divided under categories for grading and texture and for land use. For coal, nearly three-fourths of the total reclaimed acres were released for pasture land use. Approximately half the land reclaimed from limestone extraction was released for pasture use. Shale and clay operations had a high percentage of land reclaimed for pasture land use. Both silica sand and sand and gravel operations have half of the land reclaimed as pit floor, water impoundment, highwall or road (Misc. #3).

Grading and texture categories for coal show 8,613.71 acres have been reclaimed, about one-third of the total, and released to Rule 1104 standards or a maximum grade of 4 percent of the original grade. The remaining areas have been largely reclaimed to a maximum grade of 15 or 30 percent. The majority of the acres for limestone, shale and clay, silica sand and sand and gravel were reclaimed to a maximum grade of 15 or 30 percent or Misc. #3, including water, roads and pit floors. These slopes are common for pasture land use.

To determine the number of acres reclaimed and released from bond obligation in 1985, contrast reclamation totals with those from Table 3 in the 1984 annual report; i.e., 320.4 acres for coal, 166.12 acres for limestone, 31.4 acres for silica sand, 183.5 acres for sand and gravel and 13.85 for shale and clay.

During 1985, the Department did not issue any violation letters under SMLCRA notifying mining operators to remedy a noncompliance to avoid bond forfeiture.

TABLE 2

ACT AND SURRACH-HUMBO LAND RECLAMATION ACT AND SURRACH-HUMBO LAND RECLAMATION ACT FOR FEBRUTS ISSUED 1/1/62 TEBU 9/16/71

NT ACREACE RELEASE	000	35.06	07/11	0.00	00.00	0.00	0.00	0.0	09.4	0.00	51.06	02.9	8.8	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	
REFUSE ADJUSTNENT REJEASE	0.0	452.73	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	452.73	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8
NON- VECE- TATTON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.14	3.15	5.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8
RECREATION OR INDUSTRIAL	0.00	22.34.54	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	2246.54	85.80	07.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8
REPOREST- ATION	0.0	3938,06	163.50	107.80	0.00	0.00	10.60	0.00	0.00	0.00	4219.96	173.77	0.00	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.0	8
STRUCE OFF FOR PASTURE	0.00	30330,03	511.46	55.00	0.00	153.74	0.0	0.00	0.00	0.00	31050.23	993.51	30.06	27.19	0.00	0.00	0.0	0.00	0.00	0.00	0.0	8
SADED FOR CROP OR PASTURE	0.00	29464.99	488.67	717.85	55.34	95.81	16.02	0.00	0.00	2.00	30843.68	735.42	89.80	8.3	11.35	1.60	37.95	21.10	15.50	0.0	26.38	2
TOTAL	92018,00*	66455.41	1175.03	880.65	55.34	249.55	38.62	0.00	9.4	2.00	68864.20	2100.34	140.67	91.04	15.35	1.60	37.95	21.10	15.50	0.00	56.38	9
ACRES	103181.00	66260.22	0.0	0.00	0.0	0.00	0.00	0.0	0.00	0.0	66260.22	2585.94	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8
	12/31/61	12/31/75	12/31/76	12/31/77	12/31/78	12/31/79	12/31/80	12/31/81	12/31/82	12/31/83	12/31/83	2/31/75	12/31/76	12/31/77	12/31/78	62/18/21	12/31/80	12/31/81	12/31/82	12/31/83	12/31/84	12/31/85
PRODUCT	PREVIOUS TO	1/1/62 THRU	1/1/76 THEU	UNIT 77/1/1	UNIT 87/1/1	UNITY 64/1/1	1/1/80 THRU	1/1/81 THERU	1/1/82 THRU	1/1/83 THEU	1/1/62 THRU	1/1/62 THRU						1/1/81 THRU		-		-
				WERE								LDMESTONE										

		ļ		œ	STRIKE		RECREATION	-NOV	REFUSE	REAFFECTED
	PRODUCT	ACRES	TOTAL	CROP OR PASTURE	OFF FOR	ATTON	DECEMBER	VECE-	ADJUSTNENT RELEASE	ACREACE
Q.AY	BHH	40. 761	192 .62	76.93	34.58	72.91	2.50	5.70	00.00	0.00
6 SHALE	THE	0.0	1.25	0.00	0.00	1.25	0.00	0.00	0.00	00.00
(ALL	1/1/77 THU 12/31/77	0.00	1.00	1.00	00.00	0.00	0.00	0.00	0.00	00.0
PERMITS	THE	0.0	0.00	0.00	00.00	0.00	00.00	0.00	0.00	00.00
WERE	THE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RELEASED	THE	0.0	0.00	00.0	0.00	0.00	00.00	0.00	0.00	0.00
DURING	THE	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	00.0
1982)	THE	0.0	3.04	3.04	00.00	0.00	00.00	0.00	00.0	00.00
	THE	197.04	16, 761	80.97	34.58	74.16	2.50	2.70	00.00	0.00
STICA		120.17	3°.8	49.52	7.42	10.15	12.73	17.12	00.0	00.0
CANAS	THE	0.00	14.35	0.00	0.00	00.9	5.50	2.85	0.00	00.00
(ALL	HE	0.00	0.00	00.00	00.00	0.00	0.00	0.00	0.00	00.0
PERMITS	THE	0.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	00.0
WERRE	THERE	0.00	2.50	2.50	0.00	0.00	0.00	0.00	0.00	00.0
RELEASED	THE	0.00	0.00	00.00	00.0	0.00	0.00	0.00	0.00	00.00
DURING	THE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0
1964)	THE	0.00	0.00	00.00	0.00	00.0	0.00	0.00	0.00	0.00
	THE	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00
	1/1/84 THRU 12/31/84	0.00	2.70	2.70	0.00	0.00	00.00	0.00	0.00	0.00
	THE	120.17	116.49	24.72	7.42	16.15	18.23	19.91	0.00	00.0

TABLE 2 (Continued)

				PADED FOR	STRIKE		RECYEATTON	NO.	REPUSE	REAFFECTED
	PRODUCT	ACRES	TOTAL	CROP OR PASTURE	OFF FOR	REPOREST- ATTON	OR INDUSTRIAL	VECETA-	ADJUSTMENT RELEASE	ACKEACE RELEASE
SAND 6	THRU	57.39		15.50	16.92	9.80	3.00	0.00	0.00	0.00
GRAVEL.	THE	0.00		10.00	0.00	0.00	0.00	0.00	0.00	0.00
TIV)	UNIHI	0.00		4.00	0.00	0.00	0.00	0.00	0.00	0.00
PERMITS	HE	0.00		0.00	0.0	0.0	0.00	0.0	0.00	0.00
WERE	1/1/79 THEU 12/31/79	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00
RELEASED	THE	0.00		0.0	0.0	0.00	0.00	0.00	0.00	0.00
DURING	THE	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982)	THE	0.00		0.00	0.00	4.00	0.00	0.00	0.00	0.00
	E	57.39	_	29.50	16.92	13.80	3.00	0.00	0.00	0.00

\*1 SPOIL AND WATER WITH PH 5 OR GREATER, VIGETATION DENSITY AND OVERSTICK GREATER THAN 25, DATA PROVINGO BY COOPERATIVE WILDLIFE LABORATORY, SILL \*2 QUARRY PIT FLOOR

TABLE 3

DESCRIPTION OF ADRIACE ROCIAINED & BOND RELEASED BY PROHIT TRUR (SURFACE HINED LAND CHEERWATION AND RECLAMITION ACT) FOR FEBRITS ISSUED 9/14/71 THE 12/31/85

MARECTED  ONL.  12 FEMILS *1  13 FEMILS *1  14 FEMILS *1  15 FEMILS *1  15 FEMILS *1  16 FEMILS *1  17 FEMILS *1  18 FEMILS *1  19 FEMILS *1  10 FEMILS *1	TOTAL ED RECLAMA-						
ERUTIS *1 ERUTIS		CROPLAND RULE 1104#2	GRODE 4% GROPLAND OF ORIG. GRADE 4% RULE WITH OF 1104*2 NO ROCK ORIGINAL	CRADE 4% OF ORIGINAL	MAXIMIM GRADE OF 15%	HAXTHUM GRADE OF 302	MISC.#3
FERHITS *1 FERHITS FER							
FERUTS FE	00.7	0.0	0.0	0.00	4.00	2.00	1.00
REWITS 5 FEBRITS 5 FEBRITS (SHLZNA ANEDO.) FEBRITS (SHLZNA ANEDO.) FEBRITS (SHLZNA ANEDO.) FEBRITS (SHLZNA ANEDO.) ERRETTS (SHLZNA ANEDO.) ERRETTS (SHLZNA ANEDO.) FEBRITS (SHLZNA ANEDO.)	32 5500.61	16.00	131.55	1359.51	3450.33	167.10	163.45
PERMITS 5  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)  FERMITS (SHLZRA ANDD.)		9	9.60	815.40	2714.40	316.50	25.55
PERMITS (SMCZA APD.) PERMITS (SMCZA APD.) PERMITS (SMCZA APD.) PERMITS (SMCZA APD.) PERMITS (SMCZA APD.) 15 PERMITS (SMCZA APD.) 2 PERMITS (SMCZA APD.) 2	66 4234.66	783.94	305.50	573.20	1637.56	273.11	283.05
PERUTS (SHLZRA ANDO.) PERUTS (SHLZRA ANDO.) 1: PERUTS (SHLZRA ANDO.) 1: PERUTS (SHLZRA ANDO.) 2: PERUTS (SHLZRA ANDO.) 2: PERUTS (SHLZRA ANDO.) 2:		1305.47	32.50	309.54	1068.14	329.40	254.53
PERUTS (SMLZRA MERD.) PERUTS (SMLZRA MERD.) PERUTS (SMLZRA MERD.) PERUTS (SMLZRA MERD.) PERUTS (SMLZRA MERD.)	10 8.10	0.00	0.0	0.0	8.10	0.0	0.0
PERHITS (SMLCRA AMEND.) 12 PERHITS (SMLCRA AMEND.) 12 PERHITS (SMLCRA AMEND.) 13 PERHITS (SMLCRA AMEND. 1978)		28,00	0.0	2.00	29.00	5.90	19.00
PERMITS (SMLCRA AMEND.) PERMITS (SMLCRA AMEND.) PERMITS (SMLCRA AMEND. 1978)		8.00	10.00	0.0	242.60	26.90	95.10
PERMITS (SMLCRA AMEND.) PERMITS (SMLCRA AMEND. 1978)		1240.70	206.00	208.90	850.60	300.30	96,00
(SMLORA AMEND. 1978)	61 229.80	28.50	0.0	0.00	38.80	22.00	21.00
	10 7.00	0.00	0.0	0.00	0.00	0.0	0.0
PERMITS (SMLOW AMEND.)	20.7	0.0	0.0	0.0	0.00	7.00	0.0
81 PERMITS (SMLCRA AMEND: 1978)   1166.80		0.0	0.0	0.0	0.0	0.0	0.0
PERMITS (SMLCRA AMEND. 1978)	35	27.00	0.0	0.00	85.10	0.0	0.0
PERMITS (SMLORA AMEND.		0.00	0.0	0.0	0.00	0.00	0.0
84 PERMITS (SMLCRA AMEND. 1978) 888.45	0.00 5	0.0	9.0	0.0	0.0	0.0	0.0
85 PERMITS (SMLCRA AMEND. 1978) 539.70	00.00 07	0.0	0.0	0.0	0.00	0.00	0.00
TOTALS 55998 .02	55998.02 24842.00	3589.61	1755.55	3268.55 10428.63	10428.63	1450.21	1558.68

TABLE 3 (Continued)

			LAND USE	TEST.	Ì		ADJUSTNEN	ADJUSTNENT RELEASE
				RECHEA				
	CEREAL	PASTURE	FOREST	TION & WILDLIFE	INDUST- RIAL	MISC.*3	ADJ.*4	ADJ.*5 REAFFECTED
COM.								
72 PERMITS	0.00	9.00	0.00	00.00	0.00	1.00	0.00	0.00
73 PERMITS	316.10	4795.89	13.55	00.9	8.30	148.10	110.00	102.67
74 PERMITS	661.36	4026.19	7.25	0.00	21.60	198,45	113.30	197,05
75 PERMITS	715.40	2865.91	17.00	28.00	15.00	215.05	76.50	301,80
76 PERMITS	815.67	2499.28	8.50	38,40	9.00	222.73	3.00	517.45
76 PERMITS (SM.CRA AMEND.)	0.0	8,10	0.00	0.00	0.00	0.00	0.00	0.00
77 PERMITS (SMLCRA AMEND.)	8,00	70.90	0.00	0.00	0.00	15.00	0.00	00.0
78 PERMITS (SMLCRA AMEND.)	0.00	696.50	0.00	0.00	8.00	96.10	00.6	44.50
79 PERMITS (SMLCRA AMEND.)	941.30	1922,40	165.30	9.00	0.00	267.50	00.00	605.00
80 PERMITS (SMLCRA AMEND.)	0.00	89.30	0.00	0.00	0.00	21.00	0.00	119.50
80 PERMITS (SMLORA AMEND, 1978)	0.00	0.00	0.0	0.00	0.00	0.00	00.00	7.00
81 PERMITS (SMLCRA AMEND.)	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
81 PERMITS (SMLCRA AMEND, 1978)	0.00	0.00	0.0	0.00	0.00	0.00	00.00	0.00
82 PERMITS (SMLCRA AMEND. 1978)	9.30	102.90	0.0	0.00	0.00	0.00	00.00	284.00
83 PERMITS (SMLCRA AMEND. 1978)	0.00	0.00	0.0	0.00	0.00	0.00	00.00	0.00
84 PERMITS (SMLCRA AMEND. 1978)	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00
85 PERMITS (SMLORA AMEND. 1978)	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00
TOTALS	3487.03	3487.03 17053.37	218.60	78.40	88.90	1154.93	311.80	2478.97

					CRADING & TEXTURE	TEXTURE		
	ACRES	TOTAL RECLAMA- TION	GRADE 4% GROPLAND OF ORIG., GRADE 4% NULE WITH OF 1104*2 NO BOCK ORIGINAL	GRADE 42 OF ORIG. GRADE 42 WITH OF NO ROCK ORIGINAL	CRADE 4% OF ORIGINAL	MAXIMAM GRADE OF 15%	HAXTHUM GRADE OF 302	MISC.*3
LDESTONE								
72 PERMITS	6.10	15.95	0.00	0.00	0.00	13.95	0.00	2.00
73 PERMITS	589.45	436.20	3.00	0.0	6.50	296.28	12.80	112.87
74 HERMITS	513.21	377.87	0.00	0.0	4.00	219.17	00.6	137.20
75 PERMITS	554.67	404.93	12.60	0.00	2.00	253.60	34.60	95.03
76 PERMITS	399.99	279.54	0.20	3,30	0.00	201.57	12.40	61.57
76 PERMITS (SMLCRA AMEND.)	89.00	89.00	0.00	0.0	0.0	13.00	26.00	0.0
77 PERMITS (SMLORA AMEND.)	00.82	6.70	0.00	0.0	0.0	2.00	0.00	1.70
78 PERMITS (SMLCRA AMEND.)	107.40	82.91	3.50	0.00	0.0	36.66	16.20	36.55
79 PERMITS (SMLORA AMEND.)	837.93	256.45	0.00	28.60	11.80	63.40	32.00	86.15
80 PERMITS (SMLORA AMOND.)	438.80	194.10	43.00	0.00	0.0	25.50	7.40	39.20
81 PERMITS (SMLCRA AMEND.)	158.86	28.20	0.00	0.00	18,00	15.50	1.60	23.10
82 PERMITS (SMLORA AMEND.)	257.83	79.25	0.00	0.00	0.00	47.50	9.25	22.50
83 PERMITS (SMLORA AMEND.)	261.90	37.27	0.00	0.0	0.00	9.18	0.0	21.39
84 PERMITS (SMLORA AMEND.)	216.64	52.79	0.00	0.00	0.00	11.29	0.00	40.50
85 PERMITS (SMLORA AMEND.)	176.50	8.00	0.00	0.0	0.0	2,00	0.00	3.00
86 PERMITS (SMLCRA AMEND.)	285.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00
87 PERMITS (SMLORA AMEND.)	238.08	0.0	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	5159.36	2379.16	62.30	31.90	42.30	1275.60	211.25	682.76

TABLE 3 (Continued)

			TAND USE	23			AU JIS IME	AUJUSTIMENT RELEASE
	CEREAL	PASTURE	FOREST	RECREA- TION 6 WILDLIFE	INDUST- RIAL	MISC.#3	ADJ.*4 REPUSE	ADJ.*5 REAFPECTED
LIMESTONE								
72 PERMITS	0.0	13.95	0.0	0.0	0.0	2.00	0.0	0.00
73 PERMITS	1.20	306.88	0.00	0.00	27.90	95.47	0.1	3.75
74 PERMUTS	9.30	202.22	0.00	0.00	49.95	00.801	1.00	7.50
75 PERMITS	17.60	252.50	0.00	30.00	5.10	92.63	0.00	7.10
76 PERMITS	0.00	202.87	0.00	0.9	10.00	71.09	0.00	0.50
76 PERMITS (SM.CRA AMEND.)	0.0	13.00	0.00	0.00	8.50	67.50	0.00	0.00
77 HERMITS (SMLORA AMEND.)	0.00	2.00	0.00	0.00	0.00	1.70	0.00	0.00
78 PERMITS (SMLCRA AMEND.)	3.50	31.36	0.0	10.00	2.50	35.55	0.00	0.00
79 PERMITS (SMLCRA AMEND.)	24.60	04,89	0.0	31.00	11.80	86.15	0.0	34°50
80 PERMITS (SMLCTA AMEND.)	43.00	98.10	3.80	0.00	0.00	39.20	0.00	10.00
81 PERMITS (SMLCRA AMEND.)	0.0	15.50	0.00	1.60	22,00	19.10	0.00	0.0
82 PEDMITS (SMLCRA AMEND.)	0.0	45.75	8.00	0.0	3.00	2.50	0.00	0.00
83 PERMITS (SMLCRA AMEND.)	0.00	9.18	0.00	0.00	0.00	21.39	0.0	02.9
84 PERMITS (SMLCRA AMEND.)	0.0	11.29	0.0	0.0	0.00	40.50	0.0	1.00
85 PERMITS (SMLCRA AMEND.)	00.0	2.00	0.0	0.0	0.0	3.00	0.0	0.0
86 PERMITS (SMLCRA AMEND.)	0.00	0.0	0.00	0.00	0.00	0.00	0.0	0.00
87 PERMITS (SMLORA AMEND.)	00.0	0.0	0.0	0.0	0.00	0.0	0.0	0.00
TOTALS	99.10	1281.00	11.80	78.60	140.75	94.86	2.00	71.05

GADING & TEXTURE	TOTAL GROPLAND OF ORDS, CRAIRE 42 MAXDUM MAXDUM RECLAMA— RULE MITH OF GRADE GRADE TION 1104-2 ND ROCK ORLGINAL OF 153 OF 302 MISC.+3		0.00	0.00 0.11	0.00 0.00 1.50 24.43 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 10.00 3.00	0.00 0.00 0.00 0.00 0.00	0.00 16.60 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 00.0	0.00 0.00 1.50 63.93			0.00 0.00 0.00	0.00 0.00 00.0 00.0	0.00 0.00 0.00 1.95	0.00 0.00 1.00 14.07	0.00 0.00 0.00 5.00	0.00 4.60 0.00 0.00 15.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 1.50 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 00.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
	ACRES TOTAL AFFECTED RECLAMA- TION		24.00	31.58	8.4	3 8	0.17	9 5	9.16	Q :0	9.5	13.40	8.00	13.00	4.80	_	173.13		5.10												2.00 0.00
		SHALE & CLAY	73 PERMITS	74 PERMITS	75 PERMITS	76 PREPARTYS		DEDMITTE	DEDMITS (	CI TIMOZIO	DEDITIES	CI TLANSIA	PERMITS	PERSONAL ISS		6/ PEROTILIS (SPECIAL APPRILIS)	TOTALS	SILICA SAND	72 PERMITS	73 PERMITS			PERCEI IS	(SMLORA	PERMITS (SMLXA	PERMITS (SPECIAL	PERCHASIS (SPECIAL	PERONI IS		87 DEPARTE (SM.CRA AMERICA)	Of PERPILIS (SPELIXA AMERICA)

TABLE 3 (Continued)

			LAND USE	23			ADJUSTMENT RELEASE	RELEASE
	CEREAL, GRAIN	PASTURE	ROREST WI	RECREA- TION & WILDLIFE	INDUST- RIAL	MISC.*3	ADJ.*44 REFUSE REA	ADJ.*5 REAPPECTED
SHALE & CLAY		:						
	8.0	8.5	0.00	0.00	0.00	3.25	0.0	9.9
74 PERMITS	0.0	25.53	0.0	0°0	9.0	0.0	0.00	4.50
75 PERMITS	8.6	8.5	8.0	8.6	8.0	8.8	8.0	8.0
78 DEDMITS (SM CBA AMEND.)	8 8	8 6	8 8	8 8	8 8	8 8	8.8	3 8
PERMITS (SM.CRA	88	16.60	0.00	0.8	8.0	3.5	8 8	8 8
PERMITS (SMLCRA	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0
HERMITS (	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00
82 PERMITS (SMLCRA AMEND.)	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83 PERMITS (SMLCRA AMEND.)	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
85 PERMITS (SMLCRA AMEND.)	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86 PERMITIS (SMLCRA AMEND.)	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.0
87 PERMITS (SMLCRA AMEND.)	0.0	0.00	0.00	0.00	0.00	0.0	0.00	0.00
TOTALS	00.0	65.43	0.00	3.00	0.00	4.75	0.00	10.50
SILICA SAND								
72 PERMITS	0.00	5.10	0.00	0.0	0.0	0.0	0.00	0.00
	00.0	11.53	0.00	0.0	0.0	0.77	0.00	0.00
	0.0	9.6	0.50	8.0	8	17.8	0.00	3.27
	0°0 —	1.95	0.0	0.0	8	8.	0.00	0.75
PERMITS	8.0	2.00	3.00	7.07	0.0	43.47	0.0	0.0
PERMITS	0.0	2.00	0.0	8.0	8.0	15.00	0.00	0.0
PERMITS	0.00	7,30	0.0	12.30	0.0	23.02	0.00	15.75
80 PERMITS (SMLORA AMEND.)	0.00	8.00	0.0	0.0	0.0	4.50	0.0	0.00
82 PERMITS (SMLCRA AMEND.)	0.0	1.50	0.00	0.0	0.00	34.90	0.00	7.40
84 PERMITS (SMLCRA AMEND.)	0.00	0.0	0.00	0.0	0.00	14.00	0.0	0.0
85 PERMITS (SMLCRA AMEND.)	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00
86 PERMITS (SMLCRA AMEND.)	0.0	0.00	0.00	0.0	0.0	0.00	0.0	0.0
87 PERMITS (SMLCRA AMEND.)	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00
TOTALS	0.0	×2.	3.50	19.37	0.0	192.50	0.00	71.72

					CRADING & TEXTURE	TEXTURE		
'n	ACRES AFPECTED	TOTAL RECLAMA- TION	CROPLAND RULE 1104*2	GRADE 4% OF ORIG. WITH NO ROOK	GRADE 4% OF ORIGINAL	MAXCIMUM GRADE OF 15%	MAXCIMIM GRADE OF 30%	MISC.*3
SAND & GRAVEL								
72 PERMITS	19.10	19.80	0.00	0.00	0.00	19.80	0.00	0.00
73 PERMITS	281.05	216.50	0.00	0.00	0.70	88.00	39.70	88.10
74 PERMITS	192 .80	138.10	0.00	0.00	10.00	00.04	25.40	62.70
75 PERMITS	124.25	70.30	0.00	0.0	0.0	14.00	10.70	45.60
76 PERMITS	87.00	55.00	0.00	0.00	4.50	14.00	6.10	28.20
78 FERMITS (SMLCRA AMEND.)	20.75	4.75	0.00	0.00	0.00	4.75	0.00	0.00
79 PERMITS (SMLCRA AMEND.)	220.50	178.10	0.00	00.9	2.00	34.00	28.50	99.66
80 PERMITS (SMLCRA AMEND.)	122.33	83.40	0.00	0.00	0.00	17.03	18.80	47.57
81 FERMITS (SMLCRA AMEND.)	76.00	35.10	00.00	0.00	0.00	0.00	2.50	32.60
82 PERMITS (SMLCRA AMEND.)	170.56	72.70	0.00	3.80	11.30	0.00	24.00	33.60
83 PERMITS (SMLORA AMEND.)	134.20	31.00	00.00	0.00	0.00	12.50	0.00	18.50
84 PERMITS (SMLCRA AMEND.)	119.50	62.30	0.00	0.00	0.00	3.10	0.00	29.50
85 PERMITS (SMLORA AMEND.)	71.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86 PERMITS (SMLCRA AMEND.)	64.50	0.00	0.00	0.00	0.00	0.00	0.00	0.0
87 HERMITS (SMLCRA AMEND.)	125.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	1808.64	967.05	0.00	9.80	31.50	247.18	155.70	513.67

TABLE 3 (Continued)

			IAN	LAND USE			ADJISTME	ADJUSTIMENT RELEASE
	CEREAL	PASTURE	ROREST	RECREATION & WILDLIFE	INDUST- RIAL	MISC.*3	ADJ.*4	ADJ.*5 REAFFECTED
SAND & CRAVEL								
72 PERMITS	0.00	2.00	0.00	17.80	0.0	0.00	0.00	0.00
73 PERMITS	0.00	92.80	3.10	32,50	2.00	83.10	0.00	0.00
74 PERMITS	0.00	27.50	0.0	18.20	2.30	29.30	0.00	0.00
75 PERMITS	0.0	22.70	0.00	0.00	2.00	72.60	0.0	0.00
76 PERMITS	0.00	22.60	0.00	00.00	2.00	26.20	0.00	4.20
78 PERMITS (SMLCRA AMEND.)	0.0	4.75	0.00	0.00	0.0	0.00	0.00	0.00
79 PERMITS (SMLCRA AMEND.)	00.9	57.50	0.00	0.00	10.00	09.66	0.00	2.00
80 PERMITS (SMLCRA AMEND.)	0.00	33.40	0.00	1.00	1.43	47.57	0.00	0.00
81 PERMITS (SMLCRA AMEND.)	0.00	2.50	0.00	0.0	0.00	32.60	0.00	00.00
82 PERMITS (SMLCRA AMEND.)	3.80	35.30	0.0	0.00	0.00	33.60	0.00	0.00
83 PERMITS (SMLCRA AMEND.)	0.00	12.50	0.0	0.00	0.00	18.50	0.0	0.00
84 PERMITS (SMLORA AMEND.)	0.00	3.10	0.00	00.00	0.00	59.20	0.00	0.00
85 PERMITS (SMLORA AMEND.)	0.0	0.0	0.00	0.0	0.0	0.00	0.00	00.0
86 PERMITS (SMLCRA AMEND.)	0.00	0.00	0.00	00.00	0.0	0.00	0.00	0.00
87 PERMITS (SMLCRA AMEND.)	0.0	0.0	0.00	0.00	0.00	0.0	0.00	00.0
TOTALS	9.80	343.85	3.10	69.50	26.33	505.27	0.00	9.20

\*! PERMIT YEAR (YEAR ENDING JUNE 30 OF YEAR INDICATED)

<sup>\*2</sup> APPROVED ORIGINAL GRADE, SPECIFIED TEXTURE, DARGENED SIRRAGE SOIL REPLADMENT \*3 PIT RIOR4, WITER, HIGHALL OR RAND
\*4. RECLAMITION BOW RELEASED AND RESOURDE ROR RERIESE DISPOSAL.
\*5. RECLAMITION BOW RELEASED AND RESOURDE ROR REAPPOINTD AGRAGE.

When a coal mining company fails to perform required reclamation, its surety bond can be secured so that reclamation can be performed by the Table 4 is a summary by coal company of surety bond forfeitures for all reclamation laws except the 1980 Act. Department.

Through 1985, bond forfeiture had been requested by the Department on a total of 1,047.05 permitted acres (acres reclaimed and acres remaining unreclaimed) and 291.73 unpermitted acres. To date, 919.30 permitted acres have been reclaimed, and 174.03 unpermitted acres have been reclaimed. A total of \$485,233.50 in forfeitures has been requested by the Department (forfeitures requested and bond forfeited) and \$459,833.50 has been forfeited to date. The Department has performed reclamation with bond forfeitures totalling \$429,038.64.

# OPEN OUT LAND RECLAMATION ACT, SURENCE-HINED RECLAMATION ACT AND SURPLOS - HORDD LAND CONSTRUCT AND RECLAMATION ACT BOYD NORPELTURE

		THE CONTRACT PRINCE CAND UNCOUNTED AND MELABORITH ACT	ACCESS/AL		ALL DE MEL				
		RECLADIED	-	UNIECTATIVED	(Delico				1-
COUNTY	COMPANY	ACRES RECLAIMED PERMITTED UNPERMITTED	OPED CELLE	ACRES	REMAINING	BOND FORFETTURE IN \$	RORPETTURES REQUESTED IN \$	AMOUNT	
BROWN	PEA RIDGE ROCK COMPANY, INC.		0.00	12.00	0.00	0.00	18000,00	0.00	
CRAMPORD	ALPHA MINING		0.0	15.00	0.1	24750.00	0.00	20482.27	
JACKSON	ALAX COAL CO.		0.0	17.00	0.00	00.0	3400,004	00.00	
MORSON	ARIOMERAD COAL CO.		0.0	10.00	0.0	20000,00	0.00	44520.00	_
WORNN & WILLTANGON	MATNITUS COAL		3.8	0.00	0.00	1800.00	0.00	1780 .85	
MOKSON	NEW CALLATTN COAL	2.50	3 8	8.0	8.8	000000	0.00	25838,60	_
JACKSON	ROYAL MINING CO.		0.0	0.00	0.0	2000.00	8.8	0000000	
JACKSON & WILLIAMSON	SOUTHERN IL MINERALS CORP. #1		0.00	0.00	0.00	00.0061	8 6	1890 50	
JACKSON	SOUTHERN IL MINERALS CORP. #2		0.00	0.00	0.00	00.0069	0.0	0000	
MOSON			0.00	0.00	00.00	61250.00	0.00	60190.75	
JACKSON	FRANK WHITE d/b/a CENTRAL		0.0	0.0	0.0	00.005/9	0.00	65265.92	
	STATE MINING		0.00	8	000	w w/	8	000	
JOHNSON	BURNETDE MINING CO.		0.0	0.00	0.0	4000.00	8.8	38.80	_
JOHNSON & ROPE	E & L COAL CO.	7.85	0.00	0.00	0.00	6100.00	800	500, 75	_
JOHEON	INDUSTRIAL COAL PRODUCERS, INC.		0.00	00.00	00.00	12713.00	0.00	12574.63	
JOHNSON	JOBE MINING		0.00	00.00	00.0	1000.00	0.00	0 00	

		RECLAIMED	UNRECLAIMED				
COUNTY	COMPANY	ACRES RECLAIMED PERMITTED UNPERMITTED	ACRES REM PERMITTED UNPE	REMAINING	BOND FORFEITURE IN \$	REQUESTED IN \$	AMOUNT PERFORMED
DHSON	KNICKERBOCKER, CLIFFORD	3.00 0.00	0.00	0.00	1000.00	0.00	1000.00
DHEON	MENO MINING CO.	5.00 0.00	00.6	0.00	1000,00	4000,000	049.70
THESON	NEW BURNSIDE COAL CO.	0.00 0.00	0.00	0.00	2300.00	0.00	2299.50
LASALIE	TLLINOIS VALLEY MINERALS	0.00 0.00	7.50	0.00	1500.00	0.00	0.00
TASALIE	FURE STLICA	3.68 0.00	00.00	0.00	1000,00	0.00	0.00
HONTGOMERY	HULCHER QUARRY, INC.		14.00	0.00	00.0044	0.00	0.00
HONTOOMERY	LITCHFIELD QUARRY		00.00	0.00	2500,00	0.00	1480.00
POPE	BILL V. MARTIN MINING CORP.	31.10 0.00	0.00	0.00	61100,00	0.00	61065.75
RANDOLPH	EDEN MINING CORP.		34.50	7.00	11978.00	0.00	10010.25
RANDOLPH	SOUTHERN IL MINERALS CORP. #6		0.00	0.00	49100,00	0.00	49008,00
SALINE	HEROD MINING	33.40 0.00	00.00	0.00	00.0899	0.00	10348,00
SALINE	J.W. COAL		0.00	49.00	3600,00	0.00	5637.00
SALINE & GALLATIN	MARSHALL EQUIPMENT 00.		00.00	0.00	15312.50	0.00	11122.50
SCHUYLER	SCHUYLER COUNTY STONE		2.00	0.00	1000,00	0.00	00.006
SCHIMER	SUGAR CREEK QUARRIES		0.00	0.00	1500.00	0.00	1500,00
WILLIAMSON	BIG MUDDY COAL		0.00	0.00	1800.00	0.00	1379.00
WILLIAMSON	BRIER CREEK MINING CO.		3.75	0.00	00.004	0.00	0.00
WILLIAMSON	COLDWATER COAL CO.	0.00 0.00	3.00	0.00	00.0094	0.00	0.00
WILLIAMSON	CRAB ORCHARD CORP.		0.00	0.00	2000:00	0.00	7616.80
WILLIAMSON ,	ILLINOIS COAL, OIL & GAS		0.00	0.00	3200.00	0.00	2543.66
WILLIAMSON	ILLINOIS COAL, OIL & CAS		0.00	0.00	00.0009	0.00	0.00
WILLIAMSON	MENOW COAL	6.00 22.00	0.00	0.00	1200.00	0.00	1270.35
WILLIAMSON	WESTERN MINING	10.00 0.00	00.00	10.00	10000.00	0.00	9993.88
WILLIAMSON	WHITE CONSTRUCTION	5.00 0.00	0.00	00.6	1000.00	0.00	999.50
WILLIAMSON	WENZEL BROTHERS	5.00 0.00	00.00	41.00	1000.00	0.00	1027.78
TOTALS		697.30 174.03	127.75	117.70	459833.50		25400.00 429038.64
TOTAL						-1	

\* PORPETIURE CLAINS UNCOLLECTABLE DUE TO BANKRUPTCY OF BONDING COMPANY
\*\* REAFFECTED AREAS - RECLAMATION WORK PERFORMED UNDER INCUSTRIAL COAL PRODUCES, INC. AND KNICKERBOCKER RECLAMATION PROJECT

The total amount of land disturbed due to surface mining (coal only) in Illinois is listed in Table 5. This includes all acres actually incurring overburden removal and acres affected by surface disturbance (topsoil removal and stockpile areas) but not actually mined. Disturbed acres are by county for surface mining prior to and after reclamation laws were passed.

It should be noted that the figures for July 1, 1982-June 30, 1983, have been corrected to include only the areas disturbed as defined above.

A total of 233,141.33 acres have been disturbed by surface mining in the state to date, with 103,181 acres disturbed prior to reclamation laws. A total of 4,242.10 acres were disturbed from July 1, 1984, through June 30, 1985 (fiscal year 1985), a decrease of 631.38 acres from the previous fiscal year (July 1, 1983, through June 30, 1984).

For acres disturbed in fiscal year 1985, Perry County continues to be the leading county with 2,141.0. Saline County is next with 622.07 acres disturbed, then Jackson with 577.50 acres and Williamson with 311.41 acres. McDonough and Fulton counties had 185 and 129.50 disturbed acres, respectively.

Perry County also has the highest percentage of acres disturbed by surface mining, 14.33 percent. Fulton County is next with 9.39 percent, then Williamson with 6.46 percent, Saline with 5.69 percent and Knox with 4.70 percent. To date, 0.65 percent of the entire state has been disturbed by surface mining.

# FIGURE 1

Figure I is a graphical representation of the total disturbed acreage for coal operations based on permit years. This Figure shows a general downward trend of acres affected for coal mining for permits issued since 1967. A slight upward trend had been seen since 1981, until this year's decline.

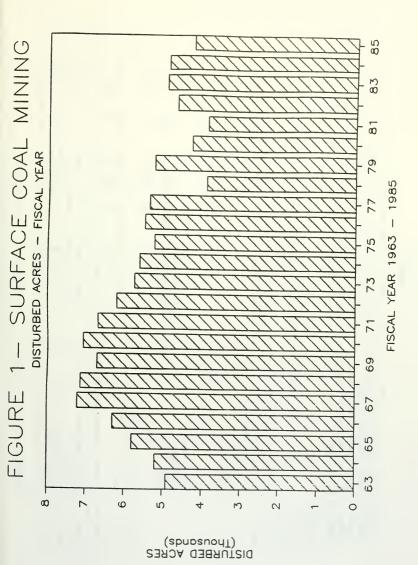
ACREACE DISTURBED BY SURFACE COAL HUMING PRE-1962 LAW TO JUNE 30, 1985

COUNTY	PRIOR TO LAW	1/1/62 THROUGH 6/30/81	7/1/81 THROUCH 6/30/82	7/1/82 THROUGH 6/30/83	1/1/83 THROUGH 6/30/84	7,1/84 THROUGH 6/30/85	TOTAL COUNTY ACREACE DISTURBED	COUNTY DISTURBED	NN COUNTY
ADAMS	177.00	51.00	0.00	00.0	0.00	0.00	228.00	0.04%	556160.00
BROWN	19.00	35.10	0.00	0.00	00.0	0.00	24.10	0.03%	196480.00
BUREAU	2910.00	225.00	0.00	0.00	0.00	0.00	3135,00	0.56%	558720.00
CLARK	3.00	00.00	0.00	0.00	0.00	0.00	3.00	200.	322560.00
CRAWFORD	00.4	16.70	0.00	0.00	0.00	0.00	20.70	0.01%	282880,00
EDGAR	51.00	0.00	0.00	0.00	0.00	0.00	51.00	0.01%	396160.00
FULTON	25293.00	24720.67	884.00	804.30	00.779	129.50	52508 .47	9.39%	559360,00
CALLATIN	208.00	2543.68	12.20	42.30	22.78	30.92	2859.88	1.35%	211200.00
CREENE	20.00	00.9	0.00	0.00	0.00	0.00	26.00	0.02%	349440.00
GRUNDY	6162.00	1127.72	0.00	0.00	0.00	0.00	7289.72	2.66%	273920.00
HANCOCK	101,00	00.0	0.00	0.00	0.00	0.00	101.00	0.02%	510080.00
HENRY	2676.00	0.00	0.00	0.00	0.00	0.00	2676.00	0.51%	528640.00
JACKSON	00°0807	2276.60	253.90	268,00	578.50	577.50	8034.50	2.08%	385920.00
JEFFERSON	72.00	2737.24	0.00	0.00	0.00	0.00	2809.24	0.75%	373120.00
JERSEY	1.00	00.0	0.00	0.00	0.00	0.00	1.00		241280.00
JOHNSON	1.00	81,05	0.00	0.00	0.00	0.0	82.05		220800.00
KANKAKEE	2097.00	63.00	0.00	0.00	0.00	0.00	2160.00		437760,00
KNOK	11434.00	69.7866	0.00	244.00	0.00	0.00	21665.69		460800,00
LASALLE	1213.00	0.00	0.0	0.00	0.00	0.0	1213.00	0.16%	737920.00
LIVINGSTON	00.94	00.0	0.00	0.00	0.00	0.00	00.94	0.012	00.008899
MADISON	7.00	00.0	0.00	0.00	0.00	0.0	7.00	200	476160.00
MARSHALL	1.00	0.0	0.00	0.00	0.00	0.0	1.00	200.	255360.00
MODONOCH	00.9	43.00	77.00	174,00	207.00	185,00	692.00	0.19%	372480,00
MENARD	0.00	00.9	0.00	0.00	0.00	00.0	00.9	200.	202240.00
MERCER	25.00	0.00	0.00	0.00	0.0	0.0	25.00	210.0	364160.00
MORGAN	00.4	0.00	0.00	0.0	0.0	0.00	00.4	200.	366080.00
PEORIA	1265,00	7994.78	117.00	140.00	142.00	7.00	9665.78	2.39%	403840,00
PERRY	13084.00	204.29.35	1542.60	1082.80	23.65	2141 00	07 62907	ZEE 71	283520 OD

TABLE 5 (Continued)

_									
		1/1/62	7/1/81	7/1/82	7/1/83	7/1/84	TOTAL COUNTY	PERCENT OF	ACRES
	PRIOR	THROUGH	THROUGH	THROUGH	THROUGH	THROUGH	ACREACE	COUNTY	Z
YTANDO	TO LAW	18/06/9	6/30/82	6/30/83	9/30/84	9/30/82	DISTURBED	DISTURBED	COUNTY
PIKE	1.00	0.00	0.00	0.00	00.00	0.00	1.00	200.	540160.00
POPE	0.00	53.24	0.00	0.00	0.00	0.00	53.24	0.02	238080,00
RANDOLPH	2387.00	9919.45	770.20	488.40	115.80	118.20	13799.05	3.57%	386560.00
SALINE	5584.00	6261.41	292.22	903.15	429.15	622.07	14092.00	5.69%	247680.00
SOULT	1.00	0.00	0.00	0.00	0.00	0.00	1.00	Z00°	161280.00
SCHUYLER	1327.00	1036.00	0.00	0.00	0.00	21.10	2384.10	0.86%	277760.00
STARK	239.00	2447.39	0.00	0.00	0.00	0.00	2686.39	1.45%	184960.00
ST.CLAIR	2948.00	7681.00	95.40	185.50	168.30	04.86	14176.60	3.21%	00.096044
VERMILLION	4208.00	1151.70	0.00	0.00	0.00	0.00	5359.70	0.93%	575360.00
WABASH	9.00	4.00	0.00	0.00	0.00	00.00	10.00	0.01	145280.00
MILL	00.8694	1624.36	0.00	0.00	0.00	0.00	6322.36	1.172	540800.00
WILLIAMSON	7792.00	8762.80	600.55	581.30	190,30	311.41	18238.36	797.9	282240.00
	*	\$						£*	
TOTALS	103181.00	111285.93	4645.07	4913.75	4873,46	4242.10	233141.33	0.65%	

ACRES IN ILLINOIS - 36,996,000
\*! DATA PROVIDED BY THE CONCENTIVE MILLINE RESEARCH LARGRATIORY, SIU
\*2 DATA ROV/1971, PROVIDED BY CONFERATIVE WILLINE RESEARCH LARGRATORY, SIU
\*3 0.65 FERCENT TOTAL ACREAGE DISTURBED BY SURFACE WITHOUT LAND IN ILLINOIS



these sites have been repermitted under the permanent program, and the older permits have been released. Some of the changes have resulted because of the implementation of new, and more accurate, data gathering The Department has also issued refuse disposal permits for coal and aggregate mining under SMLRA and SMLCRA (Table 6). A total of 165 permits have been issued under both Acts with 70 presently in effect. A total of 4,564.67 acres have been permitted for refuse disposal. Bond has been released on 2,51.49 acres. Please note that coal figures have changed since last year's report. The main reason for this is that many of procedures.

TABLE 6
SUMMARY OF REFUSE DISPOSAL PERMITS BY RECLAMATION ACT

							,
ACT	PERMITS IN EFFECT	ACREAGE UNDER BOND	TOTAL PERMITS ISSUED	TOTAL	PERMITS RELEASED	ACREAGE RELEASED	
COAL SWLRA GOB SLURRY TOTAL COAL REFUSE	0 & &	0.00 536.20 536.20	32 17 49	409.92 761.27 1171.19	32 8	409.92 225.07 634.99	
CLAY & SHALE LIMESTONE SAND & GRAVEL STLICA SAND «	1 1 NONE 3	2.00 1.00 0.00 15.00 554.20	1 1 NONE 3	2.00 1.00 0.00 15.00	0 0 0 NONE 0 0	0.00 0.00 0.00 0.00 634.99	
COAL SMLCRA COB SLURRY TOTAL COAL REFUSE	18 17 35	373.98 890.44 1264.42	52 26 78	947.59 2091.03 3038.62	¥ e £	573.61 1200.59 1774.20	
CLAY & SHALE LIMESTONE SAND & GRAVEL SILICA SAND TOTALS	3 5 11 57	13.50 5.00 63.00 143.06 1488.98	7 9 6 111	115.30 12.50 66.00 143.06 3375.48	4 9 0 1 8 4 5 4 5 4 5 4 5 4 5 4 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	101.80 7.50 0.00 3.00 1886.50	
COMPOSITE TOTAL - ALL REFUSE	70	2043.18	165	4564.67	95	2521.49	

In Table 7, acreage to be reclaimed under surface mining permit reclamation plans approved in 1985 is described by mineral product. Total permitted acreage, largely for aggregate mines, is 718.91 acres. Table 7 lists the reclaimed areas by two major categories: slope and texture (capability) and land use. Capability to which the land must be reclaimed is determined by the Department and is dependent upon the capability prior to mining activity. The postmining land use, however, may also involve personal choice of the landowner or preferred land management practices (i.e., the Department may allow row crop capable land to be used as pasture land). for the land permitted in this time frame for all types of surface mining, 47 percent will be reclaimed to a pit floor, water, highwall or road (Misc.\*1) while 32 percent will have a maximum grade of 30 percent, and 20 percent will have a maximum grade of 15 percent. According to land use plans, 52 percent of the land will be reclaimed to agricultural use, 35 percent to water use, 7 percent for industrial use and 2 percent for forest use.

SUMMARY OF APPROVED RECLAMATION PLANS ON ACRES TO BE HINED CALENDAR YEAR 1985

		0,1	SLOPE AND TEXTURE	CEXTURE					LAND	AND USE		
PRODUCT	ORIGINAL CONTOUR RUE 1104	ORIGINAL	MAXIMIM CRADE OF 15%	GRADE OF 30%	MISC.*1	TOTALS	AGRI- CULIURE	WILD-	FOREST	INDUS-	WATER	TOTAL
CLAY & SHALE	0.00	0.00	0.00	0.00	12.00	12.00	0.00	00.00	0.00	0.00	12.00	12.00
COAL *2	00.0	6.10	13,30	4.50	6.10	30.00	17.10	9.30	0.00	0.00	00.9	30.00
LIMESTONE	00.0	0.00	235.40	29.92	179.98	452.05	256.57	11.50	7.00	49.50	127,48	452.05
SAND & GRAVEL	0.00	0.00	21.00	26.80	48.20	126.00	70.80	0.00	7.00	0.00	48.20	126,00
SILICA SAND	0.00	00.00	22.00	14.00	62.86	98.86	30.00	9.00	0.00	3.00	59.86	98.86
TOTALS PERCENT	0.00	6.10	291.70	111.97	309.14	718.91 100%	374.47	24.40	14.00	52.50	253.54 35%	718.91 100 <b>2</b>

\*! PIT FLOOR, WATER, HIGHWALL, ROADS, ETC.

<sup>\*2</sup> INCIDENTAL BOUNDARY REVISIONS TO INTERIM PERMITS

Under SMLCRA, the Department is required to hold public hearings to discuss proposed land reclamation plans when requested by a county board or commission in the county where mining is proposed. In sand and gravel, one public hearing was conducted in Grundy County in 1985.

TABLE 8

# SUMMARY OF PUBLIC HEARINGS HELD BY DEPARTMENT UNDER SMLCRA (CALENDAR YEAR 1985)

PRODUCT	COUNTY	NUMBER OF HEARINGS
SAND & GRAVEL	GRUNDY	1
TOTALS		1

# TABLE 9

Table 9 shows, by mineral product, the type of land use during the fiveyear period preceding surface mining permit issuance. In addition to land with permits issued for aggregate mines during 1985, also shown are coal acres permitted in accordance with permanent program requirements as incidental boundary revisions to interim program permits.

For the five-year period, 60 percent of 718.91 acres was used for agricultural purposes (crops or pasture). A total of 34 percent was used for forest, 5 percent for industrial use and 1 percent for water.

TABLE 9

# SUMMARY OF PREMINING LAND USES DURING PRECEDING FIVE-YEAR PERIOD FOR PERMITS AND INCIDENTAL BOUNDARY REVISIONS TO INTERIM PERMITS ISSUED DURING CALENDAR YEAR 1985

CROP	PASTURE	FOREST	WATER	IND.*1	TOTALS
0.00	0.00	12.00	0.00	0.00	12.00
0.00	2.60	21.40	6.00	0.00	30.00
264.58	36.30	134.47	0.00	16.70	452.05
81.00	11.20	32.00	0.00	1.80	126.00
32.86	2.00	45.70	0.00	18.30	98.86
378.44	52.10	245.57	6.00	36.80	718.91
	0.00 0.00 264.58 81.00 32.86	0.00 0.00 0.00 2.60 264.58 36.30 81.00 11.20 32.86 2.00 378.44 52.10	0.00 0.00 12.00 0.00 2.60 21.40 264.58 36.30 134.47 81.00 11.20 32.00 32.86 2.00 45.70 378.44 52.10 245.57	0.00 0.00 12.00 0.00 0.00 2.60 21.40 6.00 264.58 36.30 134.47 0.00 81.00 11.20 32.00 0.00 32.86 2.00 45.70 0.00 378.44 52.10 245.57 6.00	0.00 0.00 12.00 0.00 0.00 0.00 2.60 21.40 6.00 0.00 264.58 36.30 134.47 0.00 16.70 81.00 11.20 32.00 0.00 1.80 32.86 2.00 45.70 0.00 18.30 378.44 52.10 245.57 6.00 36.80

<sup>\* 1.</sup> INDUSTRIAL AND RESIDENTIAL

<sup>\* 2.</sup> INCIDENTAL BOUNDARY REVISIONS TO INTERIM PERMITS

# TAREE 10

to be surface mined. For permits used during 1985, such data are summarized in Table 10 by mineral type. Information regarding the assessed valuation is not required in the permit application utilized for coal mining operations under the permanent program. An assessed valuation breakdown for coal operations was not available for Table 10. Noncoal surface mining permit applicants are required to submit information pertaining to land consensing and assessed valuation for acres

ARTE 10

ASSESSED VALIDATION (DOLLARS PER ACRE) FOR HIDNE PERHIT ACREACE CALENDAR YEAR 1985

The state of the s	61.40	8	071 001	001 031	0,70	000	000	000	90,	1 `	000.		
PRODUCT	64-T¢	6	100-149	1.00-159	400-249	667-067	300-349	250-399	400-499	200-259 B	001-00	1000+	TOTALS
CLAY & SHALE	0.00	0.0	0.00	0.00	0.00	00.0	00.0	00.0	00.00	0.00	12.00	00.0	12.00
COAL	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0	30.00*
LIMESTONE	28.00	99	7.00	72.38	145.00	28.17	30.00	37.50	0.00	00.9	0.00	0.0	452.05
SAND & GRAVEL	0.00	8.00	26.00	0.00	0.0	0.00	24.00	0.0	0.00	0.00	0.00	38.00	126.00
SILICA SAND	00.9	0.0	21.00	29.10	12.26	0.0	0.00	0.00	5.50	0.00	25.00	0.00	98° 98°
TOTALS	00.49	76.00	84.00	101 ,48	157.26	71.82	24.00	37.50	5.50	9.00	37.00	38.00	18.91

\*INFORMATION NOT AVAILABLE ON INCIDENTAL BOINDARY REVISIONS TO INTERIM PERMITS

Table 11 stows, by product type, the number of surety bonds held by the Department for surface mining permits and refuse disposal area permits, for both surface mines and refuse land, that were issued in 1985. Also shown are bonds held on previously issued perA total of 52 nonpermanent program surface mining permit bonds were issued in 1985 for 718,91 acres at a value of \$1,177,650. Thirty-three of the bonds were for limestone operations. The average surface mining bond rate per acre is \$1,638.10. The surety bond data for active coal mining is reflected in the new permanent program Table 18. For refuse disposal area permits, bond was received in 1985 for 48.99 acres for silica sand operations, at a value of \$25,200. With bonds held on previously issued permits, the total bond held by the Department for 1985 was \$323,131,726 for surface mining permits and \$2,712,684 for refuse disposal area permits. Table 18 contains permanent program permit bonds.

TABLE 11

STIMMENT OF SURETY BONDS FOR STREAGE MINING PRIMITIS AND REPUSE LAND PRIMITIS

	TOTAL	IN \$	47600.00	3000.00	127764.00	2712684.00
PERMITS	BONDS HELD	PERMITS IN \$	47600.00	3000.00	102564.00	2687484.00
REFUSE LAND PERMITS	ISSUED IN 1985	ACRES BONDS NO. OF UNDER HELD BONDS BOND IN \$	0 0.00 0.00 NOT APPI ICABLE	0.0 0.0	2 48.99 25200.00	2 48.99 25200.00
	TODAL	s N	70810.00	3982175.00	619360.00	323131726.00
HERMITS	BONDS HELD	PERMITS IN \$	58810.00	3204225.00	200560.00	321954076.00
SURFACE MINING PERMITS	1 1985	BONDS HELD IN \$	12000.00	00.006171	118800.00	52 718.91 1177650.00
03	15SUED IN 1985	ACRES UNDER BOND	12.00	452.05	8.86	718.91
		NO. OF BONDS	- 3	8 4	9 9	52
	SPANCE.		CLAY & SHALE	CAND & COATE	STLICA SAND	TOTALS

\* INCIDENTAL BOUNDARY REVISIONS TO INTERLIM PERMITS

Methods to remove overburden for surface mining reported for 1985 are summarized in Table 12 for all types of mineral extraction (aggregates primarily) and pre-permanent program coal. Of the total, dozer and scraper machinery were used on 426.44 acres and dragline machinery on 264.50 acres. The remainder of the acreage constituted miscellaneous areas which may not have incurred actual mining (i.e., haulage roads) or may have employed an alternate method for mining. Mining technique for coal extraction is no longer being reported under the permanent program. However, most coal is removed by dragline.

TABLE 12

ACREAGE BEING MINED SUMMARIZED BY TECHNIQUE
EMPLOYED AND MINERAL PRODUCED FOR PERMITS
ISSUED DURING CALENDAR YEAR 1985

PRODUCT	DOZER & SCRAPER	DRAG- LINE	MISC.	TOTAL
CLAY & SHALE	12.00	0.00	0.00	12.00
COAL *	0.00	15.00	15.00	30.00
LIMESTONE	207.58	231.50	12.97	452.05
SAND & GRAVEL	108.00	18.00	0.00	126.00
SILICA SAND	98.86	0.00	0.00	98.86
TOTAL	426.44	264.50	27.97	718.91

<sup>\*</sup> INCIDENTAL BOUNDARY REVISIONS TO INTERIM PERMITS

### TABLE 13

Table 13 shows, by mineral type, the depth of overburden primarily for aggregate mining permits issued in 1985. A total of 304.43 acres, had overburden depth between 11 and 25 feet. Another 257.48 acres had overburden depth in the 26 to 50 feet range, and 125.00 acres were from 0 to 10 feet. Overburden depth for aggregate operations is relatively shallow, usually from 0 to 50 feet. The miscellaneous 15.0 acres for coal removal was utilized for activities such as sediment ponds, drainage ditches and buffer areas under interim program permits.

TABLE 13

SUMMARY OF OVERBURDEN DEPTH CATEGORY, BY MINERAL PRODUCT
FOR PERMITS ISSUED CALENDAR YEAR 1985 (ACRES)

PRODUCT	0-10 FT.	11-25 FT.	26-50 FT.	51-75 FT.	MISC.	TOTAL
CLAY & SHALE COAL * LIMESTONE SAND & GRAVEL SILICA SAND TOTAL	0.00 0.00 55.00 70.00 0.00	12.00 0.00 172.17 56.00 64.26 304.43	0.00 0.00 222.88 0.00 34.60 257.48	0.00 15.00 2.00 0.00 0.00	0.00 15.00 0.00 0.00 0.00	12.00 30.00 452.05 126.00 98.86 718.91

<sup>\*</sup> INCIDENTAL BOUNDARY REVISIONS TO INTERIM PERMITS

# COAL PERMANENT PROGRAM (1980 Act)

With initiation of the state's permanent program June 1, 1982, under the 1980 Act for regulating coal mine permitting and reclamation, new methods of reporting data were initiated. The following Tables reflect permitting, inspection, enforcement and citizen involvement activities under the new program.

# TABLE 14

All surface and underground coal mining and carbon recovery operations with coal extraction and reclamation activities proposed after February 1, 1983, were required to be repermitted under the new program. A total of 174 new permit applications have been submitted in the program to date. A total of 124 permits had been issued through 1984. Forty-seven were issued last year. Operators who filed a timely permanent program permit application may continue to operate under interim program permits until a new permit is issued. However, all permanent program performance standards have been in force since February 1, 1983.

In 1985, a total of 18 permits were issued for surface mines, six for carbon recovery operations, 21 for underground mines and two for minor underground facilities. A total of 23,621.05 acres were permitted and have had fees assessed, with the bulk of that land for surface mines. Fees assessed for permit application include a one-time fee of \$125 per bonded acre to be surface mined for the life of the permit and \$5 per acre each year the bond is in force for unmined land used for support facilities. These fees may be paid incrementally or as a lump sum. For surface mines, \$1,130,491 was assessed in 1985, \$155,822.50 for underground mines, \$9,257.50 for carbon recovery operations and \$205.00 for minor underground facilities. A per acre average of approximately \$49 was assessed for surface mines and approximately \$25 for underground mines, carbon recovery operations and minor underground facilities. Figures in Table 14 are for the total assessed, not total collected, as the operator may elect to pay the fee on an annual incremental basis.

TABLE 14

PERMARNT PROCRAM PERMITS ISSUED AND PERMIT PRES INE DURING PERMIT TIRAM (CALENDAR YEAR)

diam di di		SUR	SURFACE		CARBON	CARBON NECOVERY		UNDERGROUND	CUND
CALLOWOMY IEAN	PERMITS	S ACRES	FEES IN \$ * FERMITS	PERMITS	ACRES	PEES IN \$ * PERMITS	PERMITS	ACRES	HOES IN \$ *
1983	01	15,984.80	1,002,245.00	4	651.40	15.562.50	_	2.987.10	05 673 40
1984	8	38,339.60	2,524,670.00	00	652.24	16,323.00	12	4.354.22	108 850.00
1985		16,930.05	16,930.05 1,130,491.00	9	370.48	9,257.50	21	6,313.22	155,822.50
TOTALS	19	71,254.45	71,254.45 4,657,406.00 18		1,674.12	41,143.00	89	13,654.54	339,345.00

CALEMAD VEAD	MINOR UND	SICROUND	MINOR UNDERGROUND FACILITIES		TOTALS	STI
Caldedon Item	PERMITS	ACRES	FEES IN \$ * PERMITS ACRES	PERMITS	ACRES	FEES IN \$ *
1983	3	35.91	937.50	2	22 19.659.21	1.093.417.50
1984	2	7.14	195.00	55 4	43,353.20	2,650,038.00
1985	2	8.20	205.00	47 2	23,621.95	1,295,776.00
TOTALS	^	51.25	1,337.50	124 8	6,634,36	124 86,634.36 5,039,231.50

\* ANOINT SHOWN IS FOR LIFE OF PERMIT. FEES CAN BE PAID ON INCREMENTAL BASIS.

Table 15 has been changed this year to give a more detailed picture of how acres are being affected under the permanent program. A reaffected column has been added to both the mined overburden and surface facilities categories. Reaffected acres are acres which were affected in fiscal year 1985 but had also been affected either pre-law or under a previous permit.

An updated category has been added for both surface mines and carbon recovery. Updated acres are those which were declared affected under interim permits and have been repermitted for continued use in the permanent program. In fiscal year 1985 for surface mines 3,843.29 acres were mined, 406.70 acres were reaffected; 4,711.59 acres were affected for surface facilities and related activities; 2,621.60 acres were reaffected for surface facilities and 3,450.52 acres were updated.

Since there typically is no overburden removal in carbon recovery operation, the acres affected are designated as new, reaffected and updated. In fiscal year 1985, carbon recovery operations affected 5.10 new acres, 166.97 reaffected acres and 85 acres were updated.

The total acres declared affected in fiscal year 1985 were 14,772.77, bringing the total affected for permanent program permits to 21,113.31 acres.

TABLE 15

ACRES AFFECTED UNDER PERMANENT PROGRAM PERMITS
FOR SURFACE MINES & CARGON RECOVERY OPERATIONS...

YEAR	MINED	SUI OVERBURDEN REAFFECTED	RFACE MINES SURFACE NEW	FACILITIES REAFFECTED	UPDATED*
7/1/83 TO 6/30/83 7/1/83 TO 6/30/84 7/1/84 TO 6/30/85	303.20 876.80 3,843.29	0.00 0.00 406.70	1,288.00 2,842.70 4,711.59	0.00 39.90 2,621.60	0.00 518.00 2,932.52
TOTALS	5,023.29	406.70	8,842.29	2,661.50	3,450.52

YEAR	NEW	CARBON RECOV	ERY UPDATED*	NEW	TOI REAFFECTED	ALS UPDATED*	AFFECIED
7/1/83 TO 6/30/83 7/1/83 TO 6/30/84 7/1/84 TO 6/30/85	213.00 116.64 5.10	0.00 33.00 166.97	0.00 109.30 85.00	1,804.20 3,836.14 8,559.98	0.00 72.90 3,195.27	0.00 627.30 3,017.52	1,804.20 4,536.34 14,772.77
TOTALS	334.74	199.97	194.30	14,200.32	3,268.17	3,644.82	21,113.31

<sup>\*</sup> ACRES DECLARED AFFECIED AFTER 2/1/83 FOR INTERIM PERMITS BEING INCORPORATED INTO PERMANENT PROGRAM PERMITS.

## FIGURE 2

Figure 2 is a graphic representation of the information found in Table 15. Please note that the information is only for permanent program permits which have been issued. Many more acres were affected in fiscal years 1983 and 1984 under interim permits. For a more complete picture of the total acres affected by mining in these years, please refer to Table 5 and Figure 1.

The legend abreviations for the surface mining portion of Figure 2 are:

MN - Mined - new acres SN - Surface facilities - new acres
MR - Mined - reaffected acres SR - Surface facilities - reaffected acres
U - Updated acres

For the carbon recovery portion of Figure 2 the legen abreviations are:

NEW - New acres REA - Reaffected acres UP - Updated acres

## TABLE 16

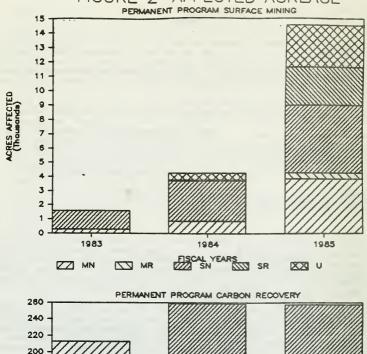
Land use categories have been expanded under the permanent program for reclamation of coal-mined lands. The total amount of acres involved in pre- and postmining land uses for surface and underground mine and carbon recovery operations are reflected in the top portion of Tale 16. In the lower portion of the Table, percentages of the annual total for each pre- and postmining land use for 1983, 1984 and 1985 are shown.

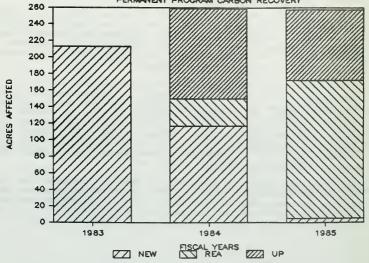
Under the permanent program, the physical and chemical capabilities of the land must be returned after mining. With Department approval, however, land use may be determined by local land management decision-makers, and need not correspond to capability. Land is often initially restored to pasture to regain tilth, organic matter and nutrients which may be reduced by the mining process, before row crop production is started.

For surface mines in 1985, postmining cropland use decreased as well as forestry, industrial/commercial, residential and undeveloped land uses. Postmining land use acreage increased for pasture, fish and wildlife and water. For carbon recovery operations, pasture, fish and wildlife and industrial/commercial uses increase. Little or no change occurred for cropland, forestry and water uses. Undeveloped land uses decreased. For underground mines, pasture, forestry, fish and wildlife and water uses increase after mining. Cropland use decreased as well as industrial/commercial, residential and undeveloped land uses.

For underground mines, the major drop in industrial/commercial land use reflects the reclamation of areas used for support facilities such as preparation plans and refuse disposal areas. For carbon recovery operations, the major drop in undeveloped land use reflects the reclamation of gob and refuse disposal areas, largely from previously abandoned mine sites.

# FIGURE 2-AFFECTED ACREAGE





# STHMAKY OF LAND USES PRECEDING HINTING AND APPROVED POSTMINING LAND USES FOR PERMANENT PROCEAM COAL PERHITS ISSUED DURING CALEROAR TEAR

TABLE 16

						LAND USE (ACRES	(ACRES)				
ALEND,	CALENDAR YEAR	CROPLAND PASTURE		FORESTRY	RES 1- DENTIAL	IND/COMPIA	RECREA- TION	FISH & WILDLIFE	UNDEVEL	WATER	TOTAL
SURFACE 1983	E MINES PRÉMINING POSTMINING	5797.70	3446.25	1701.40	26.45	3735.90	0.00	194.00	751.50	331.60	15984.80
1984	PREMINING POSTMINING	18184.50	18184.50 7433.30 15091.70 11110.90	6144.60	129.80	2189.40	0.00	2790.50	2676.30	975.50	38339.60
1985	PREMINING POSTMINING	5428.90	3191.64 6342.39	3017.86 2630.99	64.70	2171.00	0.00	14.01 2466.92	2275.05	766.89	16930.05
CARBON 1983	RECOVERY PREMINING POSTMINING	0.00	184.40	14.10	0.00	192.10	0.00	0.00	244.20	16.60	651.40
1984	PREMINING POSTMINING	22.52	1.80	14.30	0.00	47.08 7.46	0.00	11.20	509.76	10.94	652.24
1985	PREMINING	14.96	0.00	4.16	0.00	1.20	0.00	5.00	321.94	23.22	370.48
UNDERGI 1983	INDERCACUND MINES 1983 PREMINING POSTMINING	1426.10	966.60	7.00	3.00	335.00	0.00	5.00	140.40	104.00	2987.10
1984	PREMINING POSTMINING	2035.78	341.50	207.31	14.21	1180.94	0.00	46.20	501.72	26.56 123.63	4354.22
1985	PREMINING POSTMINING	1808.24	451.85	93.47	3.54	3375.19	0.00	383.86	473.54	103.79	6313.22

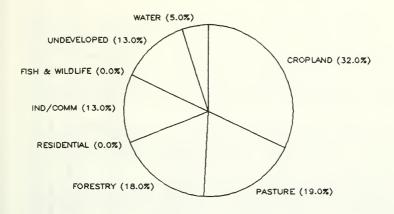
1984   PREPRING   34,2   22,2   11,2   0,2   23,1   0,2   1,3   5,2   2,3   1,3   1,5					LAND I	JSE AS A PER	RCENTAGE OF	LAND USE AS A PERCENTACE OF ANNUAL TOTAL	AL				
REMENDING         472         192         162         07         62         07         77         47           PREMINING         322         193         184         07         134         07         77         47           RODYERY         203         373         163         07         33         03         07         133           RODYERY         03         284         22         07         30         07         07         37           ROSPHINING         04         873         23         07         07         03         37           ROSPHINING         44         07         22         07         04         07         03           ROSPHINING         44         07         11         07         04         05         07         37           ROSPHINING         44         07         12         07         07         07         07         07         07           ROSPHINING         43         13         07         07         07         07         07         07         07         07         07         07         07         07         07         07         07         07	SURFAC 1983	E MINES PRÉMININC POSTMINING	362	22 <b>x</b> 43 <b>x</b>	1112	20	23x 1x	200	11 y	22	22	100% 100%	1
FREMINING         327         197         187         07         137         07         137           FREMINING         207         377         167         07         37         07         157         27           PREMINING         47         07         24         07         27         07         17         07         37           PREMINING         47         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         17         07         07         17         07         17         07         07         17         07         17         07	1984	PREMINING POSTMINING	39%	19% 29%	16Z 13Z	20	ឌដ	200	25	44	25 33	100%	
PREMIUNC         0X         28X         2X         0X         30X         0X         0X         37X           PREMIUNC         4X         6X         2X         0X         12X         0X         1X         0X           PREMIUNC         4X         35X         1X         0X         1X         0X         0X         2X         78X           PREMIUNC         4X         0X         1X         0X         0X         0X         0X         8X         8X           CDND PINES         4X         0X         1X         0X         0X         0X         6X         8X           PREMIUNC         48X         32Z         0X         0X         0X         0X         8X           PREMIUNC         4X         8X         3X         1X         0X         0X         0X         3X           PREMIUNC         4X         8X         5X         0X         0X         0X         0X         3X           PREMIUNC         4X         8X         5X         0X         0X         0X         1X         11X           PREMIUNC         4X         8X         5X         0X         0X         0X         1	1985	PREMINING POSTMINING	32% 20%	19X 37X	187	20	13%	20	02 152	13%	22 12	100%	
PREPIRIUM   4,	CARBON 1983	2	8 8	28% 87%	ដដ	20 00	30%	20 00	70 71	37%	3%	100%	
PREMIUNG   4x   0x   1x   0x   0x   0x   0x   0x   0	1984	PREMINING	77	0% 35%	2 2	20 00	12Z 1Z	20	22	78% 34%	22 261	100%	
CAROND HUNES   CARO	1985	PREMINING POSTMINING	32,	20 217	11 02	20	22 24	200	11 13	872 82	K 28	100Z 100Z	
PREMIUNG         47z         8z         5z         0z         27z         0z         1z         11z           POSTHINING         21z         56z         8z         0z         0z         0z         10z         2z           PREMINING         29z         7z         1z         0z         5zz         0z         0z         8z           POSTHINING         15z         63z         2z         0z         6z         4z	UNDERG 1983	ROUND MINES PREMINING POSTMINING	487 287	32% 33%	02 11	20 00	111 02	20	30%	32.55	2,4%	100Z 100Z	1
PREMIUNC         292         72         13         02         532         03         03         83           PKSPHNING         153         633         22         03         23         03         63         43	1984	PREMINING	47Z 21Z	28.2	22 22	20	272	200	17 107	n z	33 25	100% 100%	
	1985	PREMINING	29% 15%	77 63%	22	20	532	20	20 23	<b>27</b>	22 28	1002	

\* INDUSTRIAL/COMMERCIAL

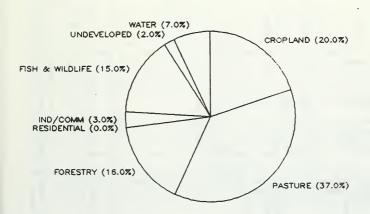
PTCHEE 3

The pre and postmining land use percentages for surface mines shown in Table 16 are graphically displayed in Figure 3.

# FIGURE 3-1985 SURFACE MINING LAND USE



# APPROVED POSTMINING



Land capability for vegetative production including premining physical and chemical characteristics must be returned after mining. Table 17 illustrates pre and postmining land capability for surface mined and carbon recovery acres. However, data is not complete due to changes in recording methods being implemented under the permanent program.

The U.S. Soil Conservation Service (SCS) has determined that prime farmland is generally Class I and II land under its classification system and has the best characteristics for food, feed, forage, fiber and oilseed crop production. It must have a slope less than 10 percent, no rockiness or flooding during the growing season nor crop yields reduced more than once in two years. To be considered prime farmland under the permanent program, the land must also have been used for cropland five or more out of the last 10 years before acquisition for mining. If this criterion cannot be applied, prime farmland may be given an historic use exemption (negative determination) from post-mining restoration standards.

High capability cropland is presently identified by the Department as Class I, II and III land other than prime farmland with slope generally less than 12 percent. Class IV land is also eligible where slope is less than five percent. Limited capability includes all other acreage not having a prime farmland or high capability classification.

For surface mines in 1985 (totals), approximately half the premining prime farmland capability was restored. The remaining acres received an exemption from prime farmland restoration standards due to either grandfathering or historic use (negative) determinations. Exempted prime farmland is required to be restored to high capability standards.

The table shows a decrease of 507.79 acres of high capability land after mining.

Nearly all of the apparent loss of high capability land to limited capability land can be attributed to five permits. Under the first of these, land which had been mined and graded prior to any reclamation laws was considered prime farmland by the Soil Conservation Service but was granted an exemption from the prime farmland restoration requirements by the Department. Because the area was not originally reclaimed as specified in the prime farmland regulations or high capability regulations, it would be impossible for the operator to reclaim the area after remining to the standards set forth in the regulations. The operator has however, agreed to reclaim the area to the same condition as exists prior to remining. This will result in no loss of capability.

A second operation appears to be losing high capability land, but when this permit and the application for an adjoining site are considered together there is actually a slight gain in high capability land. So, for this mining field as a whole, high capability land actually increases.

Another site contains an area originally permitted in 1976. Reclamation under the 1976 permit required the area to be reclaimed for wildlife as per a previous agreement with the Illinois Department of Conservation and the U.S. Fish and Wildlife Service.

because of zoning requirements the local community with jurisdiction over the area would not allow the inclines to be filled with refuse. A fourth operation is an area which is almost entirely high capability land premining. There is to be an incline and a final out in the area. The company proposed to fill these with coal refuse, which would have allowed more areas to be reclaimed to high capability, but

The final permit contained old existing inclines which are to be used for coal refuse disposal. Even though the inclines were in existence prior to permitting, the soils map submitted showed the area prior to any disturbance as high capability. When the actual conditions are considered, there is no loss of high capability land for this permit.

For carbon recovery operations, 3,02 acres of prime farmland existed prior to mining. These prime farmland acres were exempt from prime farmland standards and were reclaimed to high capability standards along with all 12.30 premining high capability acres.

MIR 17

# PREMIUNG AND APPROVED POSTMUNG LAND CAPABILLTY FOR PEDMANNY PROCEAM COAL PENETS ISSUED (ACRES)

				(American description of the property of the p	1							
	CALEN	CALENDAR YEAR 1983	63	CALEN	CALENDAR YEAR 1984	788	CALEN	CALENDAR YEAR 1985	985		TOTALS	
CAPABILITY	PRE-	POST- MINING	EXEMPT	PRE- MINIDIC	POST- MINING	EXEMPT	PRE-	POST- MINING	EXEMPT	PRE-	POET- MINING	EXEMPT
SURPACE MINES												
PRIME FARMAND HIGH CAPABILITY LIMITED CAPABILITY	1079.20 7343.90 7561.70	493.40 7795.10 7696.30	585.80	7482.43 12811.28 18045.89	3236.40 17188.61 17914.59	4246.03	1007.66 6649.94 9272.45	509.85 6142.15 10278.05	497.81	9569.29 26805.12 34880.04	4239.65 5329.64 31125.86 35888.94	5329.64
TOTALS	15984.80	15984.80 15984.80	585.80	38339.60	38339.60 38339.60	42/6.03	16930,05	90.0691 90.0691	18.764	71254.45	71254.45 5329.64	5329.64
CARBON RECOVERY												
PRIME FARMAND HIGH CAPABILITY LIMITED CAPABILITY	0.00 91.30 560.10	0.00 227.50 423.90	0.00	0.00 23.50 628.74	0.00 23.50 628.74	0.00	3.02 12.30 355.16	0.00 15.32 355.16	3.02	3.02 127.10 1544.00	0.00 266.32 1407.80	3.02
TOTALS	651.40	651.40	0.00	652.24	652.24	00.00	370.48	370.48	3.02	1674.12	1674.12	3.02
GRAND TOTAL	16636.20	16636.20 16636.20	585.80	38991.84	38991.84 38991.84	4246.03	4246.03 17300.53 17300.53 500.83	17300.53	500.83	72928.57	72928.57 72928.57 5332.66	5332.66

Surety bond guarantees funds for reclamation to be performed by the state should an operator fail to perform. As reclamation is accomplished, bond obligation can be released in three phases or totally at the end of all reclamation operations. In Table 18, the total amount of surety bonds submitted and remaining in dollars is \$439,439,695 for 71,728.22 surface coal mine acres permitted in 1983, 1984 and 1985. Over half of that bond was submitted for permanent program permits issued in 1984.

For carbon recovery operations, \$5,928,352.26 has been submitted since 1983 and remains under obligation to the Department. Approximately 70% of the bond was submitted in 1983. For underground mines, \$75,455,420 has been submitted since 1983 with 40% submitted in 1985.

A total of \$526,666,153.02 has been submitted since 1983 with none released. As with the permit fees, the operator may choose to incrementally bond the permit area under the permanent program. The bonds received figure does not reflect the total amount of surety bond requested for these operations due to the incremental bonding option.

TABLE 18
SURETY BONDS FOR PERMANENT PROGRAM PERMITS

IMAD COTODIAL		BONDS	DC	LLARS RELE	ASED	2000
YEAR ORIGINAL PERMIT ISSUED	ACRES PERMITTED	RECEIVED IN \$ *	PHASE I	PHASE II	PHASE III	BONDS REMAINING \$
SURFACE MINES						
1983	16,015.30	103,538,035.00		_	_	103,538,035.00
1984	38,508.40	232 ,153 ,057 .00	_		-	232,153,057.00
1985	17,204.52	103,748,603.00	_			103,748,603.00
TOTALS	71,728.22	439,439,695.00	0.00	0.00	0.00	439,439,695.00
CARBON RECOVERY						
1983	651.40	4,173,382.00		_		4,173,382.00
1984	654.61	1,669,303.76		_		1,669,303.76
1985	381.67	85,666.50			_	85,666.50
TOTALS	1,687.68	5,928,352.26	0.00	0.00	0.00	5,928,352.26
UNDERGROUND MINES						
1983	3,023.01	20,215,621.00				20,215,621.00
1984	4,378.21	25,445,017.00	_		_	25,445,017.00
1985	6,354.02	29,794,782.00				29,794,782.00
TOTALS	13,755.24	75,455,420.00	0.00	0.00	0.00	75 ,455 ,420 .00
COMPOSITE TOTALS						
1983	19,689.71	127,927,038.00				127,927,038.00
1984	43,541.22	259, 267, 377.76	_			259,267,377.76
1985	23,940.21	139,471,737.26				139,471,737.26
TOTALS	87,171.14	526,666,153.02	0.00	0.00	0.00	526,666,153.02

<sup>\*</sup> AMOUNT OF BONDS RECEIVED FOR PERMITS, IBR'S AND REVISIONS DURING YEAR.

Table 19 shows the number of incidental boundary revisions, acres involved and fees and bond amount required under the permanent program. A total of 35 boundary revisions were issued during 1985 for surface mines and carbon recovery operations involving 285.66 acres, \$9,982.50 in fees and \$1,018,785 in surety bond. For underground mines, four boundary revisions were issued involving 32.60 acres, \$813.75 in fees and \$82,721 in surety bond.

TABLE 19
PERMANENT PROGRAM PERMIT INCIDENTAL BOUNDARY REVISIONS
ISSUED DURING CALENDAR TEAR 1985

	INCIDE	NTAL BOU	NDARY REV	SURFACE/CR*	INCIDENT	AL BOUN	DARY REV.	UNDERGROUND
YEAR	# ISSUE	D ACRES	FEE FEQ.	BOND AMT. \$	# ISSUED	ACRES	FEE REQ.	BOND AMT. \$
1983	3	30.50	1,012.50	184,650.00	0	0.00	0.00	0.00
1984	14	171.17	10,195.75	1,088,112.00	5	16.85	425.00	45,410.00
1985	35	285.66		1,018,785.00		32.60	813.75	82,721.00
TOTALS	52	487.33	21,190.75	2,291,547.00	9	49.45	1,238.75	128,131.00

<sup>\*</sup>CARBON RECOVERY

Under the permanent program, the public may request that the Department conduct an informal conference and/or a public hearing to discuss a permit application. Informal conferences and public hearings may be requested, in writing, by any person whose interests are or may be adversely affected by the issuance of a permit, as well as any officer of any federal, state or local government agency. An administrative review hearing may also be requested, in writing, by the permittee, applicant or any interested person with interests which are or may be adversely affected by the Department's decision to grant or deny a permit application.

In 1985, no informal conferences were held on permit applications, three public hearings were held, and four administrative reviews were held. Table 20 contains a breakdown of where the hearings and reviews were held.

# TABLE 20

# SUMMARY OF INFORMAL CONFERENCES, PUBLIC HEARINGS AND ADMINISTATIVE REVIEWS FOR PERMANENT PROGRAM APPLICATIONS

## CALENDAR YEAR 1985

	HEARINGS					
COUNTY	INF CONF	PUB HRG	ADM REV			
COLES	0	1	0			
FRANKLIN	0	1	1			
JACKSON	0	0	1			
KNOX	0	0	1			
PERRY	0	0	1			
SALINE	0	1	0			
TOTALS	0	3	4			

cited. Twenty-two cessation of mining orders were issued where an imminent danger was posed to the environment or public Under the 1980 Act, written citations are issued for any violation of the Act or the rules and regulations or conditions of a coal mining permit. In program year, June 1, 1984, - May 31, 1985, Table 21, there were a total of 289 violations safety or the operator failed to abate a violation. And, one order to show cause why a permit should not be suspended and the right to mine revoked was issued. If the Department determines that a pattern of willful violations exists it may issue a show cause order. Notice of violation requires remedial action and a time frame for violation abatement,

An average of at least one partial inspection per month must be made for each inspectable unit. And, an average of one complete inspection of the inspectable unit must be made every three months. In the program year 1985, a total of 1,199 partial and 623 complete inspections were made for 110 inspectable units. The required frequency of inspections has improved every year since the first program year. In the past program year, 99.1 percent of the inspectable units were inspected as required by the regulations. The rate of notices of violation per inspection has increased to 0,16.

TABLE 21
INSPECTIONS CONDUCTED AND ENFORCEMENT
ACTION TAKEN DIRING PROCESSAN YEAR

	# OF	INSPEC	NSPECTIONS	REQUIRED	RED INSPECTION		ENFORCE	ENFORCEMENT ACTION	-
MULKAM YEAR	INSPECTABLE	PARTIAL	COMPLETE	# OF	Z OF UNITS MET	VIOLATIONS	OO'S WRITIEN	SHOW CAUSE ORDERS	SHOW CAUSE VIOLATIONS/ ORDERS INSPECTIONS
6/1/82 TO 5/31/83	114	1127	515	9	52.6	173	ž	-	
6/1/83 TO 5/31/84	901	1216	98	102	2.5	101	3 °	٠ ،	0.11
6/1/84 TO 5/31/85	110	1199	623	601	88.1	289	° 6	> -	0.10

Under the permanent program, the Department has the authority to assess and collect fines for each violation. A total of \$105,675 in fines was levied during program year 1985 for notices of violation. This is more than twice the amount levied in either of the past two years. A total of \$360,000 in fines were assessed for cessation orders issued during the same time frame. A total of \$114,945 has been collected and deposited in the General Revenue Fund for both NOV's and CO's during program year 1985. Court action is pending on the uncollected funds shown on Table 22.

TABLE 22

# CIVIL PERALTIES LEVIED AND AMOUNTS RECEIVED FOR ENFORCEMENT ACTION TAKEN

YEAR	CIVIL PENA LEVIED IN NOV'S		PENALTIES RECEIVED IN \$ NOV'S CO'S		PENALTY AMOUNT UNCOLLECTED IN \$*1 NOV'S CO'S	
6/1/82 - 5/31/83	43715.00	3000.00	328	90*2	11455.00	25*2
6/1/83 - 5/31/84	44537.00	73090.00	33082 .00	4920.00		68170.00
6/1/84 - 5/31/85	105675.00	360000.00	59945 .00	55000.00		305000.00

<sup>\*1</sup> COMPANY BANKRUPT, UEGAL ACTION PENDING, ETC.

# TABLE 23

Table 23 shows in program year June 1, 1984, - May 31, 1985, a total of 62 administrative review requests were received from operators. Of the 62 requests, 19 were withdrawn, 22 review hearings are pending and 39 hearings have been held with the Department's enforcement action being upheld by the hearing officer. Three unsuccessful defenses of enforcement actions by the Department were recorded for the year.

TABLE 23

# STATUS OF HEARINGS AND JUDICIAL REVIEWS REQUESTED FOR ENFORCEMENT ACTION TAKEN\*1

YEAR	# OF VIOLATIONS WRITTEN	# OF HEARINGS REQUESTED	# OF REQUESTS WITHDRAWN	# OF REVIEWS PENDING	# OF SUCCESSFUL DEFENSES	# OF UNSUCCESSFUL DEFENSES	# OF JUDICIAL REVIEWS REQUESTED
6/1/83 TO 5/31/84	191	33	6	14	13*	0	0
6/1/84 10 5/31/85	289	62	19	22	39	3	4

ONE NOTICE VACATED AS A RESULT OF AN EARLIER DECISION ON A SIMILAR NOTICE

<sup>\*2</sup> TOTAL PENALTIES COLLECTED FOR NOV'S AND CO'S

For the permanent program, Table 24, a total of 698 violation and cessation orders were written by the Department. Infractions in 1985 were mainly for violations of regulations regarding blasting, sediment ponds and topsoil handling. Not following an approved mining and reclamation plan, effluent limits, and backfilling and grading were also high.

TABLE 24

TYPES OF ENFORCEMENT ACTIONS (VIOLATIONS & CO'S)

DURING PROGRAM TEAR

STANDARD		6/1/83- 5/31/84	6/1/84- 5/31/85	TOTALS
TOPSOIL HANDLING	31	27	26	84
RILLS & GULLIES	2	3	12	17
BACKFILLING & GRADING	7	6	31	44
SEDIMENT PONDS	21	18	47	86
EFFLUENT STANDARDS	10	22	20	52
WATER MONITORING	11	12	9	32
MINE OUT OF PERMIT	6	7	7	20
REFUSE IMPOUNDMENT	5	9	12	26
DISTANCE PROHIBITION	2	4	3	9
HIGHWALL ELIMINATION	2	0	0	2
SIGNS & MARKERS	11	9	7	27
REVEGETATION	3	0	0	3
BLASTING	30	25	36	91
MINE WITHOUT PERMIT	6	9	17	32
NOT FOLLOWING APPROVED PLAN	17	16	40	73
OTHERS	24	32	44	100
TOTALS	188	199	311	698

Under the permanent program, citizens can request an inspection of a mining operation if a violation is suspected. In program year 1985, Table 25 shows 25 complaints were received resulting in 25 inspections and four enforcement actions. No appeals were made by citizens of state action last year. The judicial review process has not been undertaken by citizens to date.

TABLE 25
CITIZEN COMPLAINTS RECEIVED
DURING PROGRAM YEAR

PROGRAM YEAR	# OF CITIZEN COMPLAINTS	INSPEC- TIONS CONDUCTED	ENFORCE- MENT ACTION TAKEN	CITIZEN NOTIFIED OF ACTION	CITIZEN APPEAL OF ACTION	STATE ACTION MODIFIED BY JUDICIAL REVIEW
6/1/82 TO 5/31/83	17	17	3	3	0	0
6/1/83 TO 5/31/84	35	32	7	31	2	0
6/1/84 TO 5/31/85	25	25	4	25	0	0



